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AMHERST COLLEGE CATALOGUE

CATALOGUE

OF

AMHERST COLLEGE

FOR THE YEAR
1917—1918



AMHERST MASSACHUSETTS
PUBLISHED BY THE COLLEGE

COLLEGE CALENDAR

1917

| | | |
|-----------|---|---------------------------------|
| September | 20, Beginning of the College Year | 9:00 A.M. Thursday |
| October | 10, Mountain Day, a holiday | |
| October | 10, Registration for Final Honors | |
| October | 17-19, Porter Prize Entrance Examinations | |
| November | 28-30, Thanksgiving Recess | 12:20 P.M. Wed., 2:00 P.M. Fri. |
| December | 1, Registration of undergraduates for M. A. courses | |
| December | 20, Christmas Recess begins | 12:20 P.M. Thursday |

1918

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|------------------------|--------------------------|--------------------|
| January | 3, Christmas Recess ends | 2:00 P.M. Thursday |
| January 31-February 6, | Semester Examinations | |

| | | |
|----------|---|----------------------|
| February | 7, Second Half-year begins; registration, | 2:00 P.M. Th. |
| March | 27, Spring Recess begins | 12:20 P.M. Wednesday |
| April | 4, Spring Recess ends | 2:00 P.M. Thursday |
| May | 30, Memorial Day, a holiday | Wednesday |
| June | 8, Preliminary Registration Day | Saturday |
| June | 10-15, Semester Examinations | |
| June | 16, Baccalaureate Sermon | Sunday |
| June | 17-22, Examinations for Admission | |
| June | 17, Hyde Prize Orations | Monday afternoon |
| June | 17, Kellogg Prize Declamations | Monday evening |
| June | 18, Class Day | Tuesday |
| June | 18, President's Reception | Tuesday afternoon |
| June | 18, Lawn Fête | Tuesday evening |
| June | 19, Commencement Exercises | Wednesday morning |
| June | 19, Alumni Dinner | Wednesday afternoon |

SUMMER VACATION OF THIRTEEN WEEKS

| | | |
|-----------|---|---------------------------------|
| September | 11-17, Examinations for Admission | |
| September | 19, Beginning of the College Year | 9:00 A.M. Thursday |
| October | Mountain Day, a holiday | |
| October | 16-18, Porter Prize Entrance Examinations | |
| November | 27-29, Thanksgiving Recess | 12:20 P.M. Wed., 2:00 P.M. Fri. |
| December | 1, Registration of undergraduates for M. A. courses | |
| December | 20, Christmas Recess begins | 12:20 P.M. Friday |

1919

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| January | 3, Christmas Recess ends | 2:00 P.M. Friday |
| January 30-February 5, Semester Examinations | | |

| | | |
|----------|---------------------------------|----------------------|
| February | 6, Second Half-year begins | Thursday |
| March | 26, Spring Recess begins | 12:20 P.M. Wednesday |
| April | 3, Spring Recess ends | 2:00 P.M. Thursday |
| May | 30, Memorial Day, a holiday | Wednesday |
| June | 7, Preliminary Registration Day | Saturday |
| June | 9-14, Semester Examinations | |
| June | 15-18, Commencement | |

SUMMER VACATION OF THIRTEEN WEEKS

| | | |
|-----------|-----------------------------------|--------------------|
| September | 10-16, Examinations for Admission | |
| September | 18, Beginning of the College Year | 9:00 A.M. Thursday |

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HISTORICAL NOTE

Amherst College bears the name not of an individual founder or promoter, nor of a religious denomination or dogma, but of the town in which it is located. The fact is significant. From its early years Amherst was the home of liberal-minded men who desired for their children better educational advantages than could be afforded by the old-time district schools. Through the plodding decades succeeding the close of the Revolution, however, this desire had to remain unrealized, until in 1812 the people of the town, among whom was a goodly number of college graduates, took steps to found a school of higher education, the Amherst Academy, a school of much distinction and usefulness in its day, which received its charter in 1816, the same year in which the earlier founded Hopkins Academy in Hadley was incorporated. From Amherst Academy, dedicated to the promotion of "morality, piety, and religion," and to "the instruction of youth in the learned languages," came in quite limited process of time Amherst College, whose immediate object, as expressed by Noah Webster at the laying of the corner-stone, was "that of educating for the gospel ministry young men in indigent circumstances, but of hopeful piety and promising talents." The address from which these words are quoted was delivered August 9, 1820. From this date the erection of the first building, the present South College, proceeded apace, aided by heartily given contributions of money, labor, and materials, both from Amherst and several surrounding towns; so that on September 18, 1821, the building completed, exercises of dedication and inauguration were held in the church building of the First Parish, now College Hall, and Amherst College, with a president, two professors, and

forty-seven students, was on the following day opened for its growing and honorable service to the community, the commonwealth, and the world. From the beginning its ideals have been of the highest, tolerating no limitations. "I should be wholly averse," wrote the first President in his letter of acceptance, "to becoming united with any institution which proposes to give a classical education inferior to that given in any of the colleges in New England."

After two adverse votes in the Legislature the College finally secured a charter from the Commonwealth, the date of its approval being February 21, 1825. A number of students in the intervening classes, being compelled to graduate without a degree, received their degrees from Union College, on suitable certificates from Amherst. Of the charter just mentioned a few words are all that the present sketch permits, or that are pertinent to present conditions. As to the Board of Trustees, it was "provided, . . . that the number of members (including the president of said college for the time being, who shall *ex officio* be one of said corporation) shall never be greater than seventeen"; and as to keeping that number good, it was in the same section "provided, further, that as vacancies shall occur in said Board, they shall be so filled that the said Board shall as soon as may be, and forever after, consist of seven clergymen and ten laymen." To legislate for so long ahead, however, is hazardous. "Forever after" is a good while. It does not take account of changes in conditions and in the spirit of the times. And such changes came, radical and far-reaching, long before the forever was well under way. Accordingly, in 1916, when it was felt that the large proportion of clergymen to laymen no longer adequately represented the alumni body, this stipulation of having seven clergymen on the Board was repealed.

The first five vacancies that occurred in the Board were

filled by vote of the Legislature; but when, fifty years after the founding of the college, the number of alumni had become sufficient to warrant it, the alumni were empowered to choose five members of the Board, electing one each year as their terms of service expired. Regarding instructors and students, it was enacted (Section 6), "That no instructor in said college shall ever be required by the trustees to profess any particular religious opinions as a test of office; and no student shall be refused admission to or denied any of the privileges, honors or degrees of said college on account of the religious opinions he may entertain."

The charter contains a curious section (Section 7), which is here mentioned for its historic and perhaps we may say providential interest. "And be it further enacted," the passage naively runs, "That if it shall hereafter appear to the Legislature of this Commonwealth lawful and expedient to remove Williams College to the town of Amherst, and the President and Trustees of Williams College shall agree so to do, the Legislature shall have full power to unite Williams and Amherst Colleges into one university at Amherst, on such terms and conditions and under such government as shall be agreed upon by the majority of a board of seven commissioners, of whom," etc. This enactment was made, it will be noted, four years after the first President of Amherst had resigned the presidency of Williams in order to come to this, as he deemed, more suitable town for a college, and brought with him fifteen students from Williamstown. The question of this transfer to Amherst was for some years a quite acute one, not agitated by the people of Amherst but by the ministers and others in the towns of western Massachusetts, and discussed, so far as can be ascertained, without any acrimony between the colleges. The providential interest intimated above lies in the fact that the union of the colleges was not effected. Both colleges, we may be sure, are the better for it.

The general government of the college is vested in the Board of Trustees. Its immediate direction is vested in the Faculty, who are empowered by the Trustees to determine the topics and order and method of study, and to make such rules as may be deemed necessary for the best regulation of the College.

The corporate name of the institution is "The Trustees of Amherst College."

We append here a list of the Presidents, with a few items of their lives and services.

The first President, Rev. Zephaniah Swift Moore, D.D., was born in Palmer, November 20, 1770; was graduated 1793 at Dartmouth College; at the time of his call to Amherst was President of Williams College, which office he resigned as stated above; was President, 1821 to 1823.

The second President, Rev. Heman Humphrey, D.D., was born in West Simsbury, Conn., March 26, 1779; was graduated from Yale College, 1805; was called to the presidency of Amherst from a pastorate in Pittsfield; was President, 1823 to 1845.

The third President, Rev. Edward Hitchcock, D.D., LL.D., was born in Deerfield, May 24, 1793; was a special student of theology and science at Yale College, 1826, from which institution he had already received the honorary degree of A.M. in 1818; was elected from the faculty to the presidency of Amherst; was President, 1845 to 1854.

The fourth President, Rev. William Augustus Stearns, D.D., LL.D., was born in Bedford, Mass., March 17, 1805; was educated at Harvard and at Andover, and was ordained in the Congregational Church, 1831; was President and Pastor of the College Church, 1854 to 1876.

The fifth President, Rev. Julius Hawley Seelye, D.D., LL.D., was born in Bethel, Conn., September 14, 1824; was graduated from Amherst College, 1849, and from Auburn

Theological Seminary, 1852; was Professor of Mental and Moral Philosophy at Amherst, 1858 to 1874; was elected to Congress, 1874; was President and Pastor of the College Church, 1876 to 1890.

The sixth President, Merrill Edwards Gates, Ph.D., LL.D., L.H.D., was born in Warsaw, N. Y., April 6, 1848; was graduated from the University of Rochester, 1870; was called to Amherst from the presidency of Rutgers College, 1890; was President of Amherst College, 1890 to 1899.

The seventh President, Rev. George Harris, D.D., LL.D., was born in East Machias, Me., April 1, 1844; was graduated from Amherst College, 1866, and from Andover Theological Seminary, 1869; was called to Amherst from Andover, where he was Professor of Christian Theology, 1899; was President, 1899 to 1912.

The eighth President, now in office, Alexander Meiklejohn, Ph.D., LL.D., was born in Rochdale, England, February 3, 1872; was graduated from Brown University, 1893, and from Cornell University (Ph.D.), 1897; was called to Amherst from Brown University, where he was Dean and Professor of Logic and Metaphysics, 1912; since 1912 President and Professor of Logic and Metaphysics.

J. F. G.

THE FUNCTION OF THE LIBERAL COLLEGE

[Extract from an address delivered by President Meiklejohn at the exercises in celebration of the founding of Allegheny College, June, 1915.]

In the old colonial community, the clergyman, as in lesser degree the lawyer and the teacher, was the man of ideas. He was no mere teacher of the gospel and tender of the parish. While his people lived their lives it was his task to reflect upon their living, to formulate the beliefs on which it was based, to study the conditions by which it was molded, to bring to clearness the problems by which it was faced, to study the moral, social, economic, political situations of which it was constituted. It was his part and the part of men of like intellectual development to attempt to understand the lives which other men were living with lesser degrees of understanding. It was his task to serve as prophet and seer, as guide and counselor of his people.

It was for this task that the liberal college intended to prepare him. And in these latter days, as the scope of education has been extended more broadly, the same liberal education has been given to great numbers of our young men, whatever the professions they are planning to enter. At the present time a very small percentage of our college graduates become ministers; more than half of them enter into some form of business occupation. But whether they are to be in business or in the ministry, the same education must be given them, since the new community has the same need as had the old of understanding itself, of stating itself in terms of ideas.

This fundamental belief of liberal education can be stated in terms^{of} two principles. The first is shared by both liberal and technical teaching. The second applies to liberal education alone. The principles are these: (1) that activ-

ity guided by ideas is on the whole more successful than the same activity without the control of ideas, and (2) that in the activities common to all men the guidance by ideas is quite as essential as in the case of those which different groups of men carry on in differentiation from one another.

The first principle applies to all higher education. We recognize that human deeds may be done in either of two ways—first, by habit, by custom, by tradition, by rule of thumb, just as they always have been done; or, on the other hand, under the guidance of study, of investigation, of ideas and principles by which men attempt to discover and to formulate knowledge as to how these activities can *best* be done. Now all higher education, liberal or professional, rests on the belief that on the whole an activity which is understood will be more successful than one which is not understood. Knowledge pays; intelligence is power.

The liberal school and the professional are, however, separated by their choice of the activities which each shall study. Every professional school selects some one special group of activities carried on by the members of one special trade or occupation and brings to the furtherance of these the full light of intellectual understanding and guidance. The liberal school, on the other hand, takes as its content those activities which all men carry on, those deeds which a man must do in virtue of the fact that he is a man; and within this field it seeks to achieve the same enlightenment and insight. The liberal college would learn and teach what can be known about a man's moral experience, our common speech, our social relations, our political institutions, our religious aspirations and beliefs, the world of nature which surrounds and molds us, our intellectual and aesthetic strivings and yearnings—all these, the human things that all men share, the liberal school attempts to understand, believing that if they are understood, men can

live them better than they would live them by mere tradition and blind custom. But one of the terrible things about our generation is that the principle which it accepts so eagerly in the field of the vocations it refuses and shuns in the deeper things of human living. I have known fathers planning for the training of a son, who would see to it that in the preparation for his trade every bit of knowledge he can have is supplied him. If the boy is to be a dyer of cloth, then he must study the sciences that understand that process. All that can be known about the nature of fabrics, the constitution of dyestuffs, the processes of application and development of the dye—not one bit of all this may be lacking from the teaching of the boy. To put him into the shop without that knowledge, to let him learn by imitation, pick up the rule of thumb, follow the ways of master workmen of the trade—to do that would be to make him only a workman, one who can do what has been done, can do what he is told to do. But the father is not content with this. His boy must understand and know the trade so that he may be the leader and the guide, may give the orders rather than obey them. But how often the same father is unwilling that his boy attempt to understand his own religion, his own morals, his own society, his own politics! In these fields, surely the father's opinions are good enough! Keep the boy's mind at rest regarding his religion and his economics; what has been believed before had better still be believed! It may be bad for business, may interfere with a boy's success if he becomes too much interested in the fundamental things of life! And so such parents invite us to leave the universal things, the things most sacred and significant, to blindness, to the mere drift of custom, to tradition, and rule of thumb. And here it is that the liberal college again asserts its loyalty to the men who founded the older institutions. Those men

had intellectual faith; they believed that it is worth while to know the life of man, and so they studied it and taught it to their pupils. I know that I speak for the teachers and the administrators of the liberal college here represented today when I pledge anew our loyalty to the men in whose footsteps we follow. So far as we can bring it about the young people of our generation shall know themselves, shall know their fellows, shall think their way into the common life of their people, and by their thought shall illumine and direct it. If we are not pledged to that, then we have deserted the old standard; we are apostates from the faith. But I think that a good many of us are still loyal. We welcome every new extension of vocational instruction. We know that every man should have some special task to do and should be trained to do that task as well as it can possibly be done. The more the special trades and occupations are guided and directed by skill and knowledge the more will human life succeed in doing the things it plans to do. But by the same principle we pledge ourselves to the study of the universal things in human life, the things that make us men as well as ministers and tradesmen. We pledge ourselves forever to the study of human living in order that living may be better done. We have not yet forgotten that fundamentally the proper study of mankind is Man.

CORPORATION

GEORGE ARTHUR PLIMPTON, LL.D. New York, N. Y.
President of the Corporation

ALEXANDER MEIKLEJOHN, PH.D., LL.D. Amherst, Mass.
President of the College

PROF. WILLISTON WALKER, D.D. New Haven, Conn.
Secretary of the Corporation

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Worcester, Mass.

HARRY WELTON KIDDER, B.A. Amherst, Mass.
Treasurer of the Corporation

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| | |
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HARRY WELTON KIDDER, B.A., *Commissioner*

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Office, President's House
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Office, No. 9, Walker Hall
- HARRY WELTON KIDDER, B.A., *Treasurer*
Office, No. 4, Walker Hall
- THOMAS CUSHING ESTY, M.A., *Secretary of the Faculty*
Office, No. 6, Walker Hall
- ALFRED SHEPARD GOODALE, B.A., *Registrar*
Office, No. 3, Walker Hall
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Office, Pratt Gymnasium
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- CARL WILLIS HYLAND, *Clerk of the Committee on Student
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Association, in charge of the student employment bureau.*
Office, 112 Morris Pratt Memorial Dormitory
- FREDERICK SCOULLER ALLIS, B.A., *Secretary of the Alumni
Council* Office, Barrett Hall
- GERTRUDE ELIZABETH BROWN, *Secretary to the President*
Office, President's House

FACULTY*

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President Emeritus
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Hitchcock Professor Emeritus of Mineralogy and Geology
- JOHN MASON TYLER, PH.D. 8 Tyler Place
Rufus Tyler Lincoln Professor Emeritus of Biology
- JOHN FRANKLIN GENUNG, PH.D., D.D., L.H.D. 20 Spring St.
Professor Emeritus of Literary and Biblical Interpretation
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- GEORGE DANIEL OLDS, LL.D. 3 Orchard St.
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- †DAVID TODD, PH.D. Amherst, Mass.
Professor of Astronomy‡ and Navigation, and Director of the Observatory
- WILLIAM LYMAN COWLES, M.A. 20 Northampton Road
Moore Professor of the Latin Language and Literature
- HARRY DE FOREST SMITH, M.A. 5 College St.
John C. Newton Professor of Greek
- THOMAS CUSHING ESTY, M.A. 40 Dana St.
Professor of Mathematics, and Secretary of the Faculty

* Arranged in the order of appointment to present rank.

† Absent on leave.

‡ On the Sidney Dillon Fund Endowment.

| | |
|---|-----------------------|
| *GEORGE BOSWORTH CHURCHILL, PH.D. <i>Williston Professor of English Literature</i> | 25 Spring St. |
| WILLIAM PINGRY BIGELOW, M.A. <i>Professor of Music</i> | 2 Orchard St. |
| ARTHUR JOHN HOPKINS, PH.D. <i>Professor of Chemistry</i> | 84 South Pleasant St. |
| JAMES WALTER CROOK, PH.D. <i>Professor of Economics</i> | 1 College Ave. |
| FREDERIC BREWSTER LOOMIS, PH.D. <i>Hitchcock Professor of Mineralogy and Geology</i> | 8 Orchard St. |
| PAUL CHRYSOSTOM PHILLIPS, M.D. <i>Parmly Billings Professor of Hygiene and Physical Education</i> | 21 Lincoln Ave. |
| CLARENCE WILLIS EASTMAN, PH.D. <i>Professor of the German Language and Literature</i> | 18 Northampton Road |
| WILLIAM JESSE NEWLIN, M.A. <i>Professor of Philosophy and Secretary of the Committee on Student Activities</i> | 22 Sunset Ave. |
| FREDERIC LINCOLN THOMPSON, M.A. <i>Winkley Professor of History</i> | 63 South Pleasant St. |
| HENRY CARRINGTON LANCASTER, PH.D. <i>Professor of Romance Languages</i> | 4 Dana St. |
| ROBERT STILLMAN FLETCHER, B.A. <i>Otis Librarian</i> | 18 Sunset Ave. |
| HOWARD WATERS DOUGHTY, PH.D. <i>Professor of Chemistry</i> | 52 Amity St. |
| WALTON HALE HAMILTON, PH.D. <i>George Daniel Olds Professor of Economics</i> | 10 Dana St. |
| RAYMOND GARFIELD GETTELL, M.A. <i>Professor of Political Science</i> | 25 College St. |
| STARK YOUNG, M.A. <i>Professor of English Literature</i> | Nash Block |
| WALTER W. STEWART, M.A. <i>Professor of Economics</i> | 10 Woodside Ave. |
| ROBERT FROST <i>Professor of English Literature</i> | Pelham, Mass. |

* Absent on leave.

- ALBERT PARKER FITCH, D.D. South Common
Professor of the History of Religion and Biblical Literature
- SAMUEL PERKINS HAYES, PH.D. South Hadley, Mass.
Professor ad interim of Psychology
- RICHARD HULBERT WILSON, Colonel U. S. A. Retired The Perry
Professor of Military Science and Tactics
- FRANK CLARK DAMON, Major M. V. M. Retired, 1st Lieutenant
 Q. M. C., N. A. The Perry
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- *HERBERT PERCIVAL GALLINGER, PH.D. Columbia University
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- JOHN CORSA, M.A. 25 Amity St.
Associate Professor of Public Speaking
- ARTHUR HENRY BAXTER, PH.D. Bank Block
Associate Professor of Romance Languages
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Associate Professor of German
- ROBERT PALFREY UTTER, PH.D. 83 South Pleasant St.
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Associate Professor of Mathematics
- ALFRED SHEPARD GOODALE, B.A. South Amherst
Associate Professor of Botany, and Registrar
- *CHARLES WIGGINS COBB, PH.D. 119 D St., N. E., Washington, D. C.
Associate Professor of Mathematics

* Absent on leave.

- *WILLIAM RADER WESTHAFFER, M.A. University of Chicago
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- CHARLES ERNEST BENNETT, PH.D. 7 Parsons St.
Associate Professor of Latin
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Associate Professor of English
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- ARTHUR UPHAM POPE, M.A. 4 Dana St.
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Associate Professor ad interim of French
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- DAVID RANKIN CRAIG, JR., B.A. 112 Morris Pratt Memorial Dormitory
Assistant in Political Science
- MICHAEL JOSEPH KENNEDY 45 Northampton Road
Assistant in Physical Education
- CARL WILLIS HYLAND 20 Woodside Ave.
Clerk of the Committee on Student Activities
-
- JAMES ALLEN LOWELL College Ave.
Assistant Librarian

*Absent on leave.

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| PROFESSOR WHICHER | |

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DEGREES

BACHELOR OF ARTS

The Degree of Bachelor of Arts is conferred upon students of Amherst College who have satisfactorily met the requirements prescribed for that degree. The plan of studies leading to the Degree of Bachelor of Arts is arranged on the basis of a four years' course to be pursued by students in residence at the college.

Plans are offered, however, which enable candidates for the degree to complete the course of study in less than four years either wholly at Amherst or in part at other colleges. (See page 61.)

Diplomas are graded as *rite*, *cum laude*, *magna cum laude*, *summa cum laude*, according to scholarship.

Summa cum laude rank is fixed at ninety-three per cent, *magna cum laude* at eighty-eight per cent, and *cum laude* at eighty per cent.

A detailed statement of the curriculum will be found on page 62.

COURSE WITHOUT DEGREE

Students who desire to pursue a course of study varying from the regular curriculum are occasionally admitted to Amherst College as special students, not candidates for a degree. Rules relating to special students will be found on page 63.

MASTER OF ARTS

The Degree of Master of Arts is conferred upon Bachelors of Amherst College and of other colleges that confer the Bachelor's degree under conditions equivalent to those at Amherst College, who, having spent one year in residence

at Amherst, have satisfactorily met the requirements prescribed for that degree.

For a detailed statement of these requirements see page 63.

Undergraduates of Amherst College who complete the work for the Bachelor's degree at the end of the first semester of Senior year may apply the remainder of the year to studies leading to the Master's degree.

ADMISSION

All correspondence concerning admission should be addressed to the Secretary of the Faculty.

All candidates for admission to College must present satisfactory testimonials of good character.

The subjects which may be presented in satisfaction of the requirements for admission to the Freshman Class, together with the number of points at which each is valued, are given in the following list. The basis of valuation is one point for a course pursued five hours per week for a school year.

| <i>Subject</i> | <i>Rating</i> | <i>Subject</i> | <i>Rating</i> |
|----------------|---------------|-------------------------|----------------|
| Biology | $\frac{1}{2}$ | Latin 1 | 1 |
| Botany | $\frac{1}{2}$ | Latin 2 | 1 |
| Chemistry | 1 | Latin 4 | 1 |
| English 1 | 2 | Latin 5 | 1 |
| English 2 | 1 | Mathematics A (A1 + A2) | $1\frac{1}{2}$ |
| French A | 2 | Mathematics A1 | 1 |
| French B | 1 | Mathematics A2 | $\frac{1}{2}$ |
| German A | 2 | Mathematics C | 1 |
| German B | 1 | Mathematics B | $\frac{1}{2}$ |
| Greek A, B | 2 | Mathematics D | $\frac{1}{2}$ |
| Greek C, F, H | 1 | Mathematics F | $\frac{1}{2}$ |
| History A | 1 | Music B (harmony) | 1 |
| History B | 1 | Physics | 1 |
| History C | 1 | Physiography | 1 |
| History D | 1 | Physiology | $\frac{1}{2}$ |
| History E | 1 | Spanish A | 2 |

A description of these subjects arranged in alphabetical order will be found on pages 35-51.

COURSE LEADING TO THE DEGREE OF BACHELOR OF
ARTS

ENTRANCE WITHOUT CONDITIONS

All candidates for a degree must, in order to enter without conditions, have at the time of their admission credits which amount to fourteen points. The credits thus presented must include:

| <i>Subject</i> | <i>Points</i> |
|------------------------------------|---------------|
| English 1 | 2 |
| English 2 | 1 |
| History A (ancient history) | 1 |
| Mathematics A (elementary algebra) | 1½ |
| Mathematics C (plane geometry) | 1 |
| One ancient language | |
| Latin 1, 2, 4, 5 | 4 |
| or Greek A, B, C, F, H | 3 |
| A second foreign language | |
| Latin | 3 |
| or Greek | 2 |
| or a modern language | 2 |

The remaining credits must be presented from the subjects contained and rated in the list on the preceding page.

ENTRANCE WITH CONDITIONS

Candidates who lack the full entrance requirement may be admitted as conditioned students subject to the following general regulations:

Every candidate must have at the time of his admission credits which include at least two points in English, one point in mathematics, and two points in an ancient language, but no candidate will be admitted who has entrance conditions which amount to more than two and one-half points.

REMOVAL OF ENTRANCE CONDITIONS

All entrance conditions must be made up before the beginning of the Junior year, and no student is allowed to enter upon the work of that year unless all such conditions have been removed.

Since courses for beginners in French, German, and Greek are offered by the College, it is possible for those who enter with conditions in these subjects to remove such conditions by taking the corresponding courses in College. Ordinarily college studies which are thus used for the removal of entrance conditions must be taken as extra courses, but the extent to which this is necessary will depend upon the number of points of advanced credit (i. e. the equivalent of courses offered in college) which the candidate presents over and above the amount required for admission. Information bearing on individual cases may be obtained by correspondence with the Secretary of the Faculty.

A candidate who at entrance presents credit for three years of Latin may complete the requirement of the College in ancient languages in two ways—(1) He may continue in Latin, taking the course of the Freshman year in that subject, but before entering upon the Latin of Sophomore year he must pass an examination in the fourth year of preparatory Latin. (2) He may discontinue Latin and begin the study of Greek, continuing that subject for three years.

A candidate who at entrance presents credit for only two years of Latin must begin the study of Greek at once in College and must continue that subject for three years and a half.

It should be noticed that all such adjustments are made subject to the general requirement of fourteen points for admission and forty semester courses in College.

ADMISSION SUBJECTS IN DETAIL

In the following accounts of subjects in detail, the letters and numerals at the left represent the divisions of the subject recognized by the College Entrance Examination Board and used in designating their examination papers.

BIOLOGY

The candidate should complete a course of recitations and laboratory exercises occupying five hours a week, through not less than a half year; the course to include an outline of the animal kingdom, together with the classification, habits, and economic importance of the animals in the various divisions. The laboratory drawings and note-book, properly certified, should be presented at the examination. The New York State Regents' recommendation for elementary zoölogy in their Syllabus for Secondary Schools is the standard.

BOTANY

The candidate should complete a course of recitation and laboratory work of not less than five hours a week for one-half of a school year. The class work should cover the structure and important physiological processes of flowering plants. The candidate should present at the time of taking the examination a laboratory book properly certified by the instructor. No credit will be given for an herbarium. The following text-books are recommended: Atkinson's *Botany for Schools*, Bergen and Caldwell's *Practical Botany*, Stevens' *Introduction to Botany*.

CHEMISTRY

The examination will include illustrations from any of the following topics in non-metallic chemistry:

Properties of the principal acid-forming elements and their compounds; simple problems on relations by weight; relations between gas-volumes and the weights of chemically related solids; acids, bases, and salts; formation of acids and bases from their salts; valence; series of oxy-acids and their salts; oxidation and reduction; acid anhydrides; hydrated and poly-acids.

ENGLISH

The study of English in school has two main objects: (1) command of correct and clear English, spoken and written; (2) ability to read with accuracy, intelligence, and appreciation.

ENGLISH GRAMMAR AND COMPOSITION

The first object requires instruction in grammar and composition. English grammar should ordinarily be reviewed in the secondary school; and correct spelling and grammatical accuracy should be rigorously exacted in connection with all written work during the four years. The principles of English composition governing punctuation, the use of words, sentences, and paragraphs should be thoroughly mastered; and practice in composition, oral as well as written, should extend throughout the secondary-school period. Written exercises should comprise narration, description, easy exposition, argument, and letter-writing. It is advisable that subjects for this work be taken from the student's personal experience, general knowledge, and studies other than English, as well as from his reading in literature. Finally, special instruction in language and composition should be accompanied by concerted effort of teachers in all branches to cultivate in the student the habit of using good English in his recitations and various exercises, whether oral or written.

LITERATURE

The second object is sought by means of two lists of books, headed respectively *Reading* and *Study*, from which may be framed a progressive course in literature covering four years. In connection with both lists, the student should be trained in reading aloud and be encouraged to commit to memory some of the more notable passages both in verse and in prose. As an aid to literary appreciation, he is further advised to acquaint himself with the most important facts in the lives of the authors whose works he reads and with the place assigned to them in literary history.

A. READING.*—The aim of this course is to foster the habit of intelligent reading and to develop a taste for good literature by giving the student a first-hand knowledge of some of its best specimens. He should read the books carefully, but his attention should not be so fixed upon details that he fails to appreciate the main purpose and charm of what he reads.

For students entering in 1915-1919:

To allow a large freedom of choice, the books provided for reading are arranged in the following groups, from each of which at least two selections are to be made, except as otherwise provided under Group I.

GROUP I. CLASSICS IN TRANSLATION.—The Old Testament, comprising at least the chief narrative episodes in Genesis, Exodus, Joshua, Judges, Samuel, Kings, and Daniel, together with the books of Ruth and Esther. The Odyssey, with the omission, if desired, of Books I, II, III, IV, V, XV, XVI, XVII. The Iliad, with the omission, if desired, of Books XI, XIII, XIV, XV, XVII, XXI; the Æneid.

* The requirements here given are those recommended by the National Conference on Uniform Entrance Requirements in English for 1915-1919. Substitutions in these lists may be accepted, provided they are submitted to the Secretary of the Faculty on or before the first day of February preceding the examination.

(The *Odyssey*, *Iliad*, and *Æneid* should be read in English translations of recognized literary excellence.)

For any selection from this group a selection from any other group may be substituted.

GROUP II. SHAKESPEARE.—*Midsummer Night's Dream*, *Merchant of Venice*, *As You Like It*, *Twelfth Night*, *The Tempest*, *Romeo and Juliet*, *King John*, *Richard II*, *Richard III*, *Henry V*, *Coriolanus*, *Julius Cæsar*, *Macbeth*, *Hamlet*.*

GROUP III. PROSE FICTION.—Malory, *Morte d'Arthur* (about 100 pages); Bunyan, *Pilgrim's Progress*, Part I; Swift, *Gulliver's Travels* (voyages to Lilliput and to Brobdingnag); Defoe, *Robinson Crusoe*, Part I; Goldsmith, *Vicar of Wakefield*; Frances Burney, *Evelina*; Scott's Novels, any one; Jane Austen's Novels, any one; Maria Edgeworth, *Castle Rackrent*, or *The Absentee*; Dickens' Novels, any one; Thackeray's Novels, any one; George Eliot's Novels, any one; Mrs. Gaskell, *Cranford*; Kingsley, *Westward Ho!* or *Hereward, the Wake*; Reade, *The Cloister and the Hearth*; Blackmore, *Lorna Doone*; Hughes, *Tom Brown's Schooldays*; Stevenson's *Treasure Island*, or *Kidnapped*, or *Master of Ballantrae*; Cooper's Novels, any one; Poe, *Selected Tales*; Hawthorne, *The House of the Seven Gables*, or *Twice Told Tales*, or *Mosses from an Old Manse*; a collection of Short Stories by various standard writers.

GROUP IV. ESSAYS, BIOGRAPHY, ETC.—Addison and Steele, *The Sir Roger de Coverley Papers* or selections from the *Tatler* and *Spectator* (about 200 pages); Boswell, selections from the *Life of Johnson* (about 200 pages); Franklin, *Autobiography*; Irving, selections from the *Sketch Book* (about 200 pages) or *Life of Goldsmith*; Southey, *Life of Nelson*; Lamb, selections from the *Essays of Elia* (about 100 pages); Lockhart, selections from the *Life of Scott* (about 200 pages); Thackeray, lectures on Swift, Addison, and

* If not chosen for study under B.

Steele in the *English Humourists*; Macaulay, any one of the following essays: *Lord Clive*, *Warren Hastings*, *Milton*, *Addison*, *Goldsmith*, *Frederick the Great*, *Madame d'Arblay*; Trevelyan, selections from the *Life of Macaulay* (about 200 pages); Ruskin, *Sesame and Lilies* or selections (about 150 pages); Dana, *Two Years before the Mast*; Lincoln, selections, including at least the two inaugurals, the speeches in Independence Hall and at Gettysburg, the last public address, the letter to Horace Greeley, together with a brief memoir or estimate of Lincoln; Parkman, *The Oregon Trail*; Thoreau, *Walden*; Lowell, selected essays (about 150 pages); Holmes, *The Autocrat of the Breakfast Table*; Stevenson, *An Inland Voyage and Travels with a Donkey*; Huxley, *Autobiography* and selections from *Lay Sermons*, including the addresses *On Improving Natural Knowledge*, *A Liberal Education*, and *A Piece of Chalk*; a collection of essays by Bacon, Lamb, De Quincey, Hazlitt, Emerson, and later writers; a collection of letters by various standard writers.

GROUP V. POETRY.—Palgrave, *Golden Treasury* (First Series), Books II and III, with special attention to Dryden, Collins, Gray, Cowper, and Burns; Palgrave, *Golden Treasury* (First Series), Book IV, with special attention to Wordsworth, Keats, and Shelley (if not chosen for study under B); Goldsmith, *The Traveller* and *The Deserted Village*; Pope, *The Rape of the Lock*; a collection of English and Scottish Ballads, as, for example, some Robin Hood ballads, *The Battle of Otterburn*, *King Estmere*, *Young Beichan*, *Bewick and Grahame*, *Sir Patrick Spens*, and a selection from later ballads; Coleridge, *The Ancient Mariner*, *Christabel*, and *Kubla Khan*; Byron, *Childe Harold*, Canto III or IV, and *The Prisoner of Chillon*; Scott, *The Lady of the Lake* or *Marmion*; Macaulay, *The Lays of Ancient Rome*, *The Battle of Naseby*, *The Armada*, *Ivry*; Tennyson, *The Princess*, or

Gareth and Lynette, Lancelot and Elaine, and The Passing of Arthur; Browning, *Cavalier Tunes, The Lost Leader, How They Brought the Good News from Ghent to Aix, Home Thoughts from Abroad, Home Thoughts from the Sea, Incident of the French Camp, Hervé Riel, Pheidippides, My Last Duchess, Up at a Villa—Down in the City, The Italian in England, The Patriot, The Pied Piper, "De Gustibus—," Instans Tyrannus*; Arnold, *Sohrab and Rustum, and The Forsaken Merman*; selections from American poetry, with special attention to Poe, Lowell, Longfellow, and Whittier.

B. STUDY.—This part of the requirement is intended as a natural and logical continuation of the student's earlier reading, with greater stress laid upon form and style, the exact meaning of words and phrases, and the understanding of allusions. The books provided for study are arranged in four groups, from each of which one selection is to be made.

GROUP I. DRAMA.—Shakespeare, *Julius Cæsar, Macbeth, Hamlet*.

GROUP II. POETRY.—Milton, *L'Allegro, Il Penseroso*, and either *Comus* or *Lycidas*; Tennyson, *The Coming of Arthur, The Holy Grail, and The Passing of Arthur*; the selections from Wordsworth, Keats, and Shelley in Book IV of Palgrave's *Golden Treasury* (First Series).

GROUP III. ORATORY.—Burke, *Speech on Conciliation with America*; Macaulay's two *Speeches on Copyright* and Lincoln's *Speech at Cooper Union*; Washington's *Farewell Address* and Webster's *First Bunker Hill Oration*.

GROUP IV. ESSAYS.—Carlyle, *Essay on Burns*, with a selection from Burns's poems; Macaulay, *Life of Johnson*; Emerson, *Essay on Manners*.

EXAMINATION

However accurate in subject matter, no paper will be considered satisfactory if seriously defective in punctuation, spelling, or other essentials of good usage.

The examination will be divided into two parts, one of which will be on grammar and composition, and the other on literature.

1. Grammar and Composition.

In grammar and composition the candidate may be asked specific questions upon the practical essentials of these studies, such as the relation of the various parts of a sentence to one another, the construction of individual words in a sentence of reasonable difficulty, and those good usages of modern English which one should know in distinction from current errors. The main test in composition will consist of one or more essays, developing a theme through several paragraphs; the subjects will be drawn from the books read, from the candidate's other studies, and from his personal knowledge and experience quite apart from reading. For this purpose the examiner will provide several subjects, perhaps eight or ten, from which the candidate may make his own selections. He will not be expected to write more than four hundred words per hour.

2. Literature.

The examination in literature will include:

A. General questions designed to test such a knowledge and appreciation of literature as may be gained by fulfilling the requirements defined under (A) READING, above. The candidate will be required to submit a list of the books read in preparation for the examination, certified by the principal of the school in which he was prepared; but this list will not be made the basis of detailed questions.

B. A test on the books prescribed for study, which will consist of questions upon their content, form, and structure, and upon the meaning of such words, phrases, and allusions as may be necessary to an understanding of the works and an appreciation of their salient qualities of style. General questions may also be asked concerning the lives of the authors, their other works, and the periods of literary history to which they belong.

FRENCH

The admission requirements in elementary and advanced French are those recommended by the Modern Language Association of America. See page 74 for college courses which correspond to the work prescribed for preparation.

A. ELEMENTARY FRENCH

The first year's work should comprise: (1) careful drill in pronunciation; (2) the rudiments of grammar, including the inflection of the regular and the more common irregular verbs, the plural of nouns, the inflection of adjectives, participles, and pronouns; the use of personal pronouns, common adverbs, prepositions, and conjunctions; order of words in the sentence, and elementary rules of syntax; (3) abundant easy exercises, designed not only to fix in memory the forms and principles of grammar, but also to cultivate readiness in reproducing natural forms of expression; (4) the reading of 100 to 175 duodecimo pages of graduated texts, with constant practice in translating into French easy variations of the sentences read (the teacher giving the English) and in reproducing from memory sentences previously read; (5) writing French from dictation.

The second year's work should comprise: (1) the reading of 250 to 400 pages of easy modern prose in the form of stories, plays, or historical or biographical sketches; (2) con-

stant practice, as in the previous year, in translating into French easy variations upon the texts read; (3) frequent abstracts, sometimes oral and sometimes written, of portions of the text already read; (4) writing French from dictation; (5) continued drill upon the rudiments of grammar, with constant application in the construction of sentences; (6) mastery of the forms and use of pronouns, pronominal adjectives, of all but the rare irregular verb forms, and of the simpler uses of the conditional and subjunctive.

Suitable texts for the second year are: About, *Le Roi des Montagnes*; Bruno, *Le Tour de la France*; Daudet's easier short tales; Bedollière, *La Mère Michel et son Chat*; Erckmann-Chatrian's stories; Foa, *Contes Biographiques* and *Le petit Robinson de Paris*; Foncin, *Le Pays de France*; Labiche and Martin, *La Poudre aux Yeux* and *Le Voyage de M. Perrichon*; Legouv   and Labiche, *La Cigale chez les Fourmis*; Malot, *Sans Famille*; Mair  t, *La T  che de petit Pierre*; M  rim  e, *Colomba*; extracts from Michelet; Sarcey, *Le Si  ge de Paris*; Verne's stories.

B. INTERMEDIATE FRENCH

The work should comprise the reading of 400 to 600 pages of French of ordinary difficulty, a portion to be in the dramatic form; constant practice in giving French paraphrases, abstracts, or reproductions from memory of selected portions of the matter read; the study of a grammar of moderate completeness; writing from dictation.

Suitable texts are: About's stories; Augier and Sandeau, *Le Gendre de M. Poirier*; B  ranger's poems; Corneille, *Le Cid* and *Horace*; Copp  e's poems; Daudet, *La Belle Nivernaise*; La Br  te, *Mon Oncle et mon Cur  *; Madame de S  vign  's letters; Hugo, *Hernani* and *La Ch  te*; Labiche's plays; Loti, *P  cheur d'Islande*; Mignet's historical writings; Moli  re, *L'Avare* and *Le Bourgeois Gentilhomme*; Racine,

Athalie, *Andromaque*, and *Esther*; George Sand's plays and stories; Sandeau, *Mademoiselle de la Seiglière*; Scribe's plays; Thierry, *Récits des Temps Mérovingiens*; Thiers, *L'Expédition de Bonaparte en Egypte*; Vigny, *La Canne de Jonc*; Voltaire's historical writings.

GERMAN

The admission requirements in elementary and advanced German are those recommended by the Modern Language Association of America.

See page 75 for college courses which correspond to the work prescribed for preparation.

A. ELEMENTARY GERMAN

The preparation should comprise a thorough drill in elementary grammar and composition and enough reading of texts classified as elementary by the Committee of Twelve or in the publishers' catalogues to enable the pupils to read simple German at sight. Oral work is of great value if the subject is to be continued in college. Two years are necessary as preparation.

B. INTERMEDIATE GERMAN

Continued drill should be given in the rudiments of grammar and the more difficult points of syntax to enable the pupil to use his knowledge with facility in forming sentences and to state his knowledge correctly in the technical language of grammar. There should be enough reading of the masterpieces of the eighteenth century and of other intermediate texts to enable the pupil to read more difficult prose at sight. Oral work is of great value if the subject is to be continued in college. One year in addition to the work under elementary German A is necessary.

GREEK

ELEMENTARY GREEK

A. 1. Greek Grammar.

2. Greek Composition. Translation into Greek of short sentences illustrating common principles of syntax.

The examination in grammar and prose composition will be based on the first two books of Xenophon's *Anabasis*.

B. Xenophon's *Anabasis*, Books I-IV.

ADVANCED GREEK

C. Homer's *Iliad*, Books I-II (omitting Book II 494-end) and the Homeric forms, constructions, idioms, and prosody.

F. Prose composition, consisting of continuous prose based on Xenophon and other Attic prose of similar difficulty.

H. Translation of passages of Homer at sight.

HISTORY

(Including historical geography)

A. Ancient history, including the history of Greece to the death of Alexander and the history of Rome to 814 A. D.

B. Mediæval and modern history, from 814 to the present time.

C. English history.

D. American history.

E. Modern European history.

LATIN

The College has adopted the following definitions of requirements proposed by the Commission on College Entrance Requirements in Latin.

AMOUNT AND RANGE OF READING REQUIRED

The Latin reading required of candidates for admission to College, without regard to the prescription of particular authors and works, shall be not less *in amount* than Cæsar, *Gallic War*, I-IV; Cicero, the *Orations against Catiline*, for the *Manilian Law*, and for *Archias*; Vergil, *Æneid*, I-VI.

The amount of reading specified above shall be selected by the schools from the following authors and works: Cæsar (*Gallic War* and *Civil War*) and Nepos (*Lives*); Cicero (*Orations*, *Letters*, and *De Senectute*) and Sallust (*Catiline* and *Jugurthine War*); Vergil (*Bucolics*, *Georgics*, and *Æneid*) and Ovid (*Metamorphoses*, *Fasti*, and *Tristia*).

SUBJECTS AND SCOPE OF THE EXAMINATION

Translation at sight. Candidates will be examined in translation at sight of both prose and verse. The vocabulary, constructions, and range of ideas of the passages set will be suited to the preparation secured by the reading indicated above.

Prescribed reading. Candidates will be examined also upon the following prescribed reading: Cicero, *Orations for the Manilian Law* and for *Archias*, and Vergil, *Æneid*, I, II, and either IV or VI at the option of the candidate, with questions on subject matter, literary and historical allusions, and prosody. Every paper in which passages from the prescribed reading are set for translation will contain also one or more passages for translation at sight; and candidates must deal satisfactorily with both these parts of the paper, or they will not be given credit for either part.

Grammar and composition. The examination in grammar and composition will demand thorough knowledge of all regular inflections, all common irregular forms, and the ordinary syntax and vocabulary of the prose authors read in

school, with ability to use this knowledge in writing simple Latin prose.

SUBJECTS FOR EXAMINATION

1. Grammar.—The examination will presuppose the reading of the required amount of prose, including the prose works prescribed.

2. Elementary prose composition.—The examination will presuppose the reading of the required amount of prose, including the prose works prescribed.

4. Cicero (*Orations for the Manilian Law and for Archias*) and sight translation of prose.

5. Vergil (*Æneid*, I, II, and either IV or VI, at the option of the candidate) and sight translation of poetry.

MATHEMATICS

ELEMENTARY MATHEMATICS

A. Algebra to quadratics and beyond.

A 1. Algebra to quadratics.

The four fundamental operations for rational algebraic expressions. Factoring, determination of highest common factor and lowest common multiple by factoring; fractions, including complex fractions, and ratio and proportion; linear equations, both numerical and literal, containing one or more unknown quantities; problems depending on linear equations; radicals, including the extraction of the square root of polynomials and of numbers; exponents, including the fractional and the negative.

A 2. Quadratics and beyond.

Quadratic equations, both numerical and literal; simple cases of equations with one or more unknown quantities, that can be solved by the methods of linear or quadratic equations; problems depending on quadratic equations; the binomial theorem for positive integral exponents; the for-

mulas for the n th term and the sum of the terms of arithmetical and geometrical progressions, with applications.

It is assumed that pupils will be required throughout the course to solve numerous problems which involve putting questions into equations. Some of these problems should be chosen from mensuration, physics, and from commercial life. The use of graphical methods and illustrations, particularly in connection with the solution of equations, is also expected.

C. Plane geometry.

The usual theorems and constructions of good text-books, including the general properties of plane rectilinear figures; the circle and the measurement of angles; similar polygons; areas; regular polygons and the measurement of the circle; the solution of numerous original exercises, including loci problems; applications to the mensuration of lines and plane surfaces.

ADVANCED MATHEMATICS

B. Advanced algebra.

Permutations and combinations, limited to simple cases; complex numbers, with graphical representation of sums and differences; determinants, chiefly of the second, third, and fourth orders, including the use of minors and the solution of linear equations; numerical equations of higher degree, and so much of the theory of equations, with graphical methods, as is necessary for their treatment, including Descartes's rule of signs and Horner's methods, but not Sturm's functions or multiple roots.

D. Solid geometry.

The usual theorems and constructions found in good text-books, including the relations of planes and lines in space; the properties and measurement of prisms, pyramids, cylinders, and cones; the sphere and the spherical triangle; the

solution of numerous original exercises, including loci problems; applications to the mensuration of surfaces and solids.

F. Plane trigonometry.

Definitions and relations of the six trigonometric functions as ratios; circular measurement of angles; proofs of principal formulas, in particular for the sine, cosine, and tangent of the sum and of the difference of two angles, of the double angle and the half angle, the product expressions for the sum or the difference of two sines, or two cosines, etc., the transformation of trigonometric expressions by means of these formulas; solutions of trigonometric equations of a simple character; theory and use of logarithms (without the introduction of work involving infinite series); the solution of right and oblique triangles and practical applications.

MUSIC B. (Harmony)

The candidate should acquire: (1) the ability to harmonize in four vocal parts simple melodies of not fewer than eight measures, in soprano or in bass. The harmonization of such melodies requires a knowledge of triads and inversions, of diatonic seventh chords and their inversions, in major and minor modes, and of modulation, transient or complete, to nearly related keys; (2) a knowledge of analysis of ninth chords, of all non-harmonic tones, and of altered chords.

Systematic ear-training (as to interval, melody, and chord) is urgently recommended as part of the preparation for this examination. A full knowledge of the rudiments of music, scales, intervals, and staff notation, is expected.

PHYSICS

Candidates should pursue a course extending through one year, involving both class exercises and laboratory work. The class work should include careful study of the whole

subject as presented in some good text-book of high school grade, and the student should perform not less than thirty-five experiments requiring careful measurements. The candidate will be examined in the principles of the subject, and his proficiency tested by problems such as those set by the College Entrance Examination Board.

PHYSIOGRAPHY

Candidates should master Dryer's *Physical Geography* or Davis' *Elementary Physical Geography*, with laboratory work and excursions for observations of land features. Notebook and laboratory records endorsed by the teacher must be submitted at the time of taking the examination.

PHYSIOLOGY

The candidate should complete a course of recitation and laboratory work of not less than forty hours, including the study of the structure of the principal organs of the human body, with special attention to their working. The emphasis should be placed on function. An elementary knowledge of personal hygiene as the practical application of this science is required.

The following text-books are recommended: Hough and Sedgwick's *The Human Mechanism*, Martin's *The Human Body* (elementary course), Fitts' *Physiology and Hygiene*, Eddy's *Text-Book in General Physiology and Anatomy*.

SPANISH A

THE AIM OF THE INSTRUCTION

At the end of the elementary course the pupil should be able to pronounce Spanish accurately, to read at sight easy Spanish prose, to put into Spanish simple English sentences taken from the language of every-day life or based upon a

portion of the Spanish text read, and to answer questions on the rudiments of the grammar, as indicated below.

THE WORK TO BE DONE

During the first year the work should comprise:

1. Careful drill in pronunciation.
2. The rudiments of grammar, including the conjugation of the regular and the more common irregular verbs, the inflection of nouns, adjectives, and pronouns, and the elementary rules of syntax.
3. Exercises containing illustrations of the principles of grammar.
4. The careful reading and accurate rendering into good English of about 100 pages of easy prose and verse, with translation into Spanish of easy variations of the sentences read.

5. Writing Spanish from dictation.

During the second year the work should comprise:

1. The reading of about 200 pages of prose and verse.
2. Practice in translating Spanish into English, and English variations of the text into Spanish.
3. Continued study of the elements of grammar and syntax.
4. Mastery of all but the rare irregular verb forms and of the simpler uses of the modes and tenses.
5. Writing Spanish from dictation.
6. Memorizing of easy short poems.

The emphasis should be placed on careful thorough work with much repetition rather than upon rapid reading. The reading should be selected from the following: A collection of easy short stories and lyrics, carefully graded; Juan Valera, *El pájaro verde*; Perez Escrich, *Fortuna*; Ramos Carrión and Vital Aza, *Zaragüeta*; Palacio Valdés, *José*; Pedro de Alarcón, *El Capitán Veneno*; the selected short stories of Pedro de Alarcón or Antonio de Trueba.

METHODS OF ADMISSION

A blank form of application for admission will be sent by the Secretary of the Faculty to anyone desiring it. This blank when properly filled out indicates the subjects which the candidate expects to present for admission and the manner in which these credits are to be secured.

Candidates for admission are urged to send their applications to the Secretary of the Faculty before the beginning of the last year of the preparatory course if possible in order to insure that the plan of studies for this last year shall be made in conformity with the requirements for admission to Amherst College. The filing of such an application for admission does not commit the applicant in any manner.

EXAMINATIONS FOR ADMISSION

Examinations are held twice every year, in June and in September, the June examinations being those given by the College Entrance Examination Board. On recommendation by the principal of the school which candidates have attended they are allowed to take examinations in any of the subjects required for admission.

PRELIMINARY EXAMINATIONS

The candidate may, at his option, take his examinations in two parts, preliminary and final, thus dividing his subjects between two years. In the case of preliminary examinations a higher passing grade is required than in the case of final examinations, and credits given for preliminary examinations are valid for fifteen months only. Candidates are advised to reserve for their final examinations the following subjects: Greek C and F, Latin 5, Mathematics A or C, and English 2.

COLLEGE ENTRANCE EXAMINATION BOARD

Examinations of 1918

In June, 1918, the admission examinations of this College will be the examinations of the College Entrance Examination Board of which this College is a member. The examinations will be held during the week June 17-22, 1918.

In June, 1918, the "Application for Examination" and the "Recommendation of the Teacher" will be made on separate forms and the "Application for Examination" will be required a week earlier than in previous years.

Applications for examination must be addressed to the College Entrance Examination Board, 431 West 117th Street, New York, N. Y. They must be made upon a blank form to be obtained from the Secretary of the Board upon request.

If the application is received sufficiently early the examination fee will be \$5.00 for candidates examined in the United States and Canada and \$15.00 for candidates examined outside of the United States and Canada. The fee should be remitted by postal order, express order, or draft on New York to the College Entrance Examination Board.

Applications and fees of candidates who wish to be examined outside of the United States and Canada must reach the Secretary of the Board at least six weeks in advance of the examinations, that is, on or before May 6, 1918.

Applications and fees of candidates who wish to be examined at points in the United States west of the Mississippi River or in Canada must be received at least four weeks in advance of the examinations, that is, on or before May 20, 1918.

Applications and fees of candidates who wish to be examined at points in the United States east of or on the Mississippi River must be received at least three weeks in advance of the examinations, that is, on or before Monday, May 27, 1918.

When the candidate has failed to obtain the required blank form of application for examination the usual examination fee will be accepted if the fee arrive not later than the specified date accompanied by a memorandum containing the name and address of the candidate, the examination centre at which he wishes to present himself, and a list of all the subjects in which he may have occasion to take the Board's examinations.

Applications received later than the dates named will be accepted when it is possible to arrange for the admission of the candidates concerned, but only upon payment of \$5.00 in addition to the usual fee.

A list of the places at which the examinations are to be held by the Board in June, 1918, will be published about March 1. Requests that the examinations be held at particular points, to receive proper consideration, should be transmitted to the Secretary of the Board not later than February 1.

The marks given by the Board to the papers of the candidate will be accepted by Amherst College upon the same terms as the results of the examinations held by the College in September.

Examination papers are not sent out from the College to preparatory schools.

EXAMINATIONS IN SEPTEMBER

The September examinations are given only by the College, at Amherst. These examinations are held in Room 5, Walker Hall, on Wednesday, Thursday, Friday, Saturday, Monday, and Tuesday, September 11-17, 1918.

For the examinations in September a fee of five dollars is charged, payable to the Treasurer of the College at the time of registration. Credit will be given for this amount on the first term-bill, due at the beginning of the student's first semester in College.

The order of examinations in September is as follows:

FIRST DAY—SEPT. 11

| | |
|-----------------------|----------|
| 8.30–10.30 A.M. | Latin 4 |
| 10.45 A.M.–12.30 P.M. | Latin 2 |
| 2.00–4.00 P.M. | Latin 5 |
| 4.15–6.15 P.M. | French B |

SECOND DAY—SEPT. 12

| | |
|-----------------------|---------------|
| 8.30–10.30 A.M. | Mathematics C |
| 10.45 A.M.–12.30 P.M. | Mathematics D |
| 2.00–4.00 P.M. | German A |
| 4.15–6.15 P.M. | History A, C |

THIRD DAY—SEPT. 13

| | |
|-----------------------|-----------|
| 8.30–10.30 A.M. | Physics |
| 10.45 A.M.–12.30 P.M. | Latin 1 |
| 2.00–4.00 P.M. | French A |
| | Spanish A |
| 4.15–6.15 P.M. | German B |

FOURTH DAY—SEPT. 14

| | |
|-----------------------|-----------------|
| 8.30–10.30 A.M. | Mathematics A 1 |
| 10.45 A.M.–12.30 P.M. | Mathematics A 2 |
| 2.00–4.00 P.M. | Botany |
| | Physiography |
| | Zoölogy |
| 4.15–6.15 P.M. | History B, D, E |

FIFTH DAY—SEPT. 16

| | |
|-----------------------|-----------|
| 8.30–10.30 A.M. | English 1 |
| 10.45 A.M.–12.45 P.M. | Chemistry |
| 2.00–4.00 P.M. | English 2 |
| 4.15–6.15 P.M. | Greek B |

SIXTH DAY—SEPT. 17

| | |
|-----------------------|---------------|
| 8.30–10.30 A.M. | Greek C, H |
| | Mathematics B |
| 10.45 A.M.–12.30 P.M. | Greek A |
| 2.00–4.00 P.M. | Mathematics F |
| 4.15–6.00 P.M. | Greek F |
| | Music B |
| | Physiology |

Candidates are also admitted upon presentation of certificates from preparatory schools or certificates of examination by an Examination Board.

ADMISSION BY CERTIFICATE

From certain preparatory schools of approved standing certificates of fitness to enter College are received in place of entrance examinations; but such certificates must be filled out in detail in accordance with forms printed by the College and furnished to principals of such schools upon application to the Secretary of the Faculty.

In order to meet the full requirements in these subjects, certificates in Greek and Latin must specify that the candidate has pursued a systematic course of study, not less than five hours a week, during three school years for Greek and four for Latin. In Mathematics A and C no certificate will be accepted for work that has not been pursued or reviewed within the two years preceding the date of the student's admission to College. Certificates will be accepted in modern languages provided they have been pursued during the year preceding the date of admission to College; and certificates for advanced mathematics will be accepted with the understanding that in such cases the student is required to take a year of mathematics in College. In general the amount of work required in each subject is indicated in the detailed description already given under subjects for examinations.

Certificates will be received from the schools which have been approved by the New England College Entrance Certificate Board or by The North-Central Association of Colleges and Preparatory Schools. Principals of schools in New England who desire the certificate privilege should address the Secretary of the Board, Professor Frank W. Nicolson, Middletown, Conn.

Certificates are received from those schools outside of New England which have been approved by this College. In determining the eligibility of these schools to the certificate privilege the College follows in general the method of the New England College Entrance Certificate Board. From schools which for four consecutive years have sent no students to this college the certificate privilege is withdrawn unless exception is made by the Committee on Admission.

ADMISSION BY CERTIFICATE OF EXAMINATIONS

The pass-cards, certificates, and diplomas given by the Regents of the University of the State of New York are accepted in place of entrance examinations to the extent to which they cover the requirements of Amherst College, stated on pages 32-51.

ADMISSION FROM OTHER COLLEGES OR INSTITUTIONS OF COLLEGIATE RANK

A candidate for admission to advanced standing from an institution of collegiate rank may receive credit without examination for work completed at such an institution subject to the following requirements:

1. He must present a catalogue of the institution from which he comes, together with an official certificate showing (a) his entrance credits at that institution, (b) his college record including grade of scholarship in each subject taken, (c) honorable dismissal.
2. He must have completed creditably the work of at least one year in an institution of collegiate rank.
3. He must satisfy the entrance requirements of Amherst College, using his advanced credits for this purpose if necessary.
4. Credit is allowed only for work equivalent to courses in Amherst College.

5. Credit for such courses is regarded as provisional at the time of the applicant's admission to college, and will not be considered as final, nor will the applicant be given final enrollment, until he has satisfactorily completed at least one semester's work in Amherst College.

6. Candidates will be accepted only at the beginning of the year, and when accepted will be regarded as provisionally enrolled for that year.

7. The applicant must indicate at the time of his admission all his claims for credit.

All applications for admission to advanced standing should be made to the Secretary of the Faculty.

ANTICIPATION OF COLLEGE COURSES BY EXAMINATION

Students who have completed in their preparatory schools studies corresponding to courses given in Amherst College may obtain credit for such courses by examination in accordance with the following rules:

1. The proposed credit must be in excess of the entrance requirements.

2. It must be presented at or before the time of admission to college.

3. Advanced credit in French, German, and mathematics may be obtained by passing examinations of the College Entrance Examination Board in June.

4. Special examinations for obtaining advanced credit will be given upon application and payment of the required special examination fee at the time of the regular entrance examinations in September.

5. All applications for examinations for advanced credit must be filed with the Secretary of the Faculty.

6. Credit thus obtained may be used:

a. In anticipation of required courses.

b. To count toward graduation in less than four years. (See page 61.)

Such credit may not be used to reduce the number of courses in any semester nor as a substitute for a delinquency subsequently incurred.

7. Students will not be allowed advanced credit by certificate or examination for work done privately or by correspondence.

All correspondence concerning admission should be addressed to the Secretary of the Faculty.

CURRICULUM

GENERAL REQUIREMENTS

DEGREE OF BACHELOR OF ARTS

All candidates for the Degree of Bachelor of Arts must complete forty semester courses which shall include one year of mathematics, one year of English, one year of history or philosophy, two years of Greek or two years of Latin, and two years of science in the group biology, chemistry, physics.

In addition to the forty courses work is required in public speaking during the first two years and in physical education during the first three years.

Courses of study are by semesters, or half years; but no course of less than a year in any subject may be counted towards a degree, except as provided in the detailed description of the courses of instruction.

In order to receive a degree a candidate must have no deficiencies in the work of any semester, must have a reading knowledge of German or a Romance language (French, Italian, or Spanish), and must attain an average grade of seventy per cent for the entire course.

All courses are assigned three hours each week, except the two semesters of required mathematics and the first two semesters of Greek for beginners, which are four-hour courses.

The course of study must be so arranged that it will include two majors, and both these majors must be completed in the Senior year.

A major consists of six semester courses in the same subject pursued either

- (1) during six consecutive semesters, or
- (2) during the Junior and Senior years.

It will be seen, therefore, that the two majors required may not be begun until after the Freshman year.

All students are required to take five courses in each semester.

No student is allowed to take more than six courses in a semester.

Not more than two courses taken simultaneously in one subject or under one instructor may count towards a degree.

No student may elect more than eight semester courses in any subject unless he is permitted to do so by the department and the Committee on Instruction. In reckoning these eight courses in the English department the courses of Freshman and Sophomore years are not included.

Credits for subjects previously taken may not be used to reduce the number of courses required in any semester, nor as substitutes for delinquencies subsequently incurred.

No student is allowed to remain in college over two years with an entrance condition.

Early in his college course the student should note the prerequisites of the various departments, and especially of the scientific courses, in order that he may not be prevented from making the elections which he desires.

GRADUATION IN LESS THAN FOUR YEARS

GRADUATION IN THREE YEARS

A student who has at entrance, by examination, credit for four semester courses, may take six courses each semester, in addition to the required work in public speaking and physical education, in order to obtain a degree in three years. Written notice of intention to complete the course in three years must be given to the Secretary of the Faculty at the beginning of the first year.

GRADUATION IN THREE AND ONE-HALF YEARS

A student may complete the course in three and one-half years by taking in addition to the regular work an extra course in each of five semesters, and may take his degree at the Commencement following. Written notice of intention to complete the course in three and one-half years must be given to the Secretary of the Faculty at the beginning of the second year. On completion of the requisite number of courses the student may on petition obtain leave of absence until the time when the degree is conferred.

STUDIES OF FRESHMAN YEAR

1. English
2. Mathematics*
3. Ancient language
- 4, 5. Two subjects out of the following three groups, but not more than one subject from any one group:

| | |
|---|-------------------------------------|
| { | A. Foreign language |
| { | B. Social and Economic Institutions |
| { | C. Biology, chemistry, physics† |
6. Hygiene and physical education, two thirds of the year
7. Public speaking, second semester

Freshmen who have credits in required studies may elect in place of them courses offered to the Sophomore class.

STUDIES OF SOPHOMORE YEAR

1. Ancient language of Freshman year, continued
- 2, 3, 4. One subject from each of the following groups:
 - A. English, modern language, music
 - B. Biology, chemistry, mathematics, physics
 - C. History, philosophy
5. Elective
6. Physical education, one-half of the year
7. Public speaking, first semester

If the reading requirement of a modern language has not been satisfied during Freshman year a modern language must be elected in Sophomore year.

* See note under Mathematics 2, page 83.

† Physics 1-2 is open to those Freshmen who have credit for Mathematics D (solid geometry) and F (plane trigonometry), and to those who wish to take the subject for two or three years, and who satisfy the department that they are prepared for the work.

STUDIES OF JUNIOR YEAR

1. *Major 1
2. Major 2
3. Elective
4. Elective
5. Elective
6. Physical education, one-half of the year

STUDIES OF SENIOR YEAR

1. Major 1
2. Major 2
3. Elective
4. Elective
5. Elective

COURSE WITHOUT DEGREE

Mature students who desire to receive instruction in a course of subjects not leading to a degree and who have presented satisfactory evidence of special fitness for such work are admitted as special students. At the time of their application for admission such students should present to the Secretary of the Faculty a plan of the course of study desired. A course of this kind is not open to a student who has just finished his preparatory course with insufficient credits to admit him as a regular candidate for a degree.

Students who are pursuing studies not leading to a degree are required to take as many courses as are taken by regular students.

Special students are not eligible to participate in inter-collegiate games or public exhibitions.

DEGREE OF MASTER OF ARTS

Every candidate for the Degree of Master of Arts shall make application to the Secretary of the Faculty for permission to enter upon a course of study for the degree.

* For the definition of a major see page 60.

This application must be made not later than one week before the first day of the college year.

In the case of undergraduates of Amherst College who expect to complete the work for the Bachelor's degree at the end of the first semester of their Senior year, and who wish to apply the second semester to studies leading to the Master's degree, the application must be in the hands of the Secretary of the Faculty on or before December first of that year.

A blank form of application may be obtained from the Secretary of the Faculty. On this blank the applicant shall indicate the department in which he wishes to pursue his major course of study, and return his application to the Secretary of the Faculty. If this preliminary application is accepted by the Committee on Instruction, the applicant will be notified of that fact, and also of the name of the professor whom he must consult as to the selection of all his courses, and under whose general direction his courses will be pursued.

The applicant shall select four courses, two in the department of his major subject, and two others, known as minors, in other departments unless exception be made by the Committee on Instruction. The standard of work for each candidate is a minimum grade of 80 per cent in each of his courses. The amount of work done shall be acceptable to the teachers concerned and to the Committee on Instruction. Special examinations may be given at any time at the will of the teacher. A final examination in each course is held in the case of every candidate for the Master's degree, and this final examination is at least partly oral. The oral part of the candidate's examination takes place at a date arranged to suit the convenience of the candidate and all his teachers, and the examination covers the whole work done for the degree. It is open to all members

of the faculty, and they are allowed to question the candidate as they desire.

From every candidate there is also required a thesis on such subject and under such conditions as are set by the head of the major department, and this thesis must be accepted and approved by him before the candidate is admitted to the final examination.

Candidates are expected to appear in person at the conferring of the degree.

Communications relative to the degree should be addressed to the Secretary of the Faculty.

COURSES OF INSTRUCTION IN DETAIL

In the numbering of courses an odd numeral denotes the first semester, an even numeral the second semester.

A tabulated statement of electives by years will be found on page 93.

Unless the contrary is stated, members of any class are permitted to elect courses which are open to the members of a lower class.

SPECIAL SENIOR COURSES

Certain courses known as Special Senior Courses are offered to Seniors and graduate students only, subject to the following regulations:

(1) Admission to these courses shall be subject to the written approval of the instructor.

(2) The instructor may refuse to give such a course if the registration in it is too small.

(3) There shall not be more than ten students in any course.

(4) Such a course may count as part of a major.

(5) In each course there shall be at least one session a week scheduled at the convenience of the instructor and students.

(6) Except in laboratory courses, absences shall be reported weekly, absences for a week counting three ordinary absences.

(7) No undergraduate student shall take more than one such course except by special permission of the Committee on Instruction.

(8) No such course shall count for more than three hours' credit unless exception be made by the Committee on Instruction.

ART

2. Roman and Italian art. (a) Roman architecture; Italian architecture, including early Christian, Byzantine, Romanesque, Gothic, and Renaissance. (b) Italian sculpture; five lectures. (c) Italian painting of the Renaissance; twenty-five lectures. All lectures illustrated by stereopticon. Collateral reading and study of photographs.

Elective for Juniors.

(Omitted in 1917-1918.)

PROFESSOR BAXTER.

NOTE.—Art 2 taken in the same year with Italian 3 or Italian 5, may constitute a year course.

ASTRONOMY AND NAVIGATION

2. Navigation; elementary course, preceded by a brief introduction to mathematical astronomy.

Elective, with the consent of the instructor, for Juniors, Seniors and other specially qualified students.

(Mathematics 1, 2 requisite.)

Mon., Wed., 9.30, Fri., 3, Walker 5, PROFESSOR OLDS.

BIOLOGY

1, 2. General biology; introduction to biology, living and lifeless matter, metabolism and the activities of enzymes, growth and reproduction, organisms of one cell and organ-

isms of tissues, plants as the sources of animal energy, homology and adaptation, evolution and heredity. A brief introduction to the physiology, morphology, and evolution of the animal kingdom.

Elective for Freshmen.

Laboratory work, two hours a week.

Wed., Thu., 10.30, Mon., 2, Biological Laboratory, DR. PLOUGH.

Fee, \$5.00 each semester.

3, 4. Zoölogy; anatomy, classification and general discussion of the evolutionary relationships of the invertebrates and vertebrates, including their comparative anatomy and embryology.

Elective for Sophomores.

(One year of biology requisite.)

Laboratory work, two hours a week.

Tu., Sat., 8.30, Thu., 2, Biological Laboratory, PROFESSOR LOOMIS.

Fee, \$5.00 each semester.

5, 6. General structural, physiological, and economic botany of the flowering plants.

Elective for Sophomores.

Laboratory and field work, two hours a week.

(Omitted in 1917-1918.)

Courses 5, 6 are given in alternate years with courses 7, 8.

PROFESSOR GOODALE.

7, 8. Evolution of the plant kingdom. The progress of plant life from the lower to the higher forms is studied by means of lectures and laboratory work upon certain types selected as representatives of the main groups of plants.

Elective for Sophomores.

Wed., Thu., 10.30, Mon., 2, Appleton, PROFESSOR GOODALE.

9. Genetics; evolution and its evidences, theories of Lamarck, Darwin, Weismann and DeVries, the physical basis of heredity, including the behavior of the chromosomes

in maturation, fertilization and development, modern work on variation and inheritance, mutations and the evidence that the chromosomes carry hereditary factors. Demonstrations and breeding work.

Elective for Sophomores.

(One year of biology requisite.)

Tu., Sat., 8.30, Thu., 2, Biological Laboratory, DR. PLOUGH.

10. Bacteriology; general principles, technique of media making and of handling and growing bacteria, reactions of bacteria to their environment, and the reactions of organisms to bacteria, mechanism of immunity, antigens and antibodies, Ehrlich's side chain theory and its interpretation; special studies of the bacteria of water, milk, and sanitation.

Elective for Sophomores.

(Three semesters of biology requisite.)

Laboratory work.

Hours arranged at the convenience of the instructor and students.

Biological Laboratory, DR. PLOUGH.

Fee, \$5.00.

NOTE.—Biology 10 may be combined with Chemistry 7, taken in the same year, to make a year course.

11. Comparative anatomy of the vertebrates.

Elective for Juniors.

(One year of biology requisite.)

Laboratory work, two hours a week.

Tu., Sat., 10.30, Wed., 3, Biological Laboratory, PROFESSOR LOOMIS.

Fee, \$5.00.

12. Human physiology.

Elective for Juniors.

(Three semesters of biology requisite.)

Laboratory work, two hours a week.

Tu., Sat., 10.30, Wed., 3, Biological Laboratory, PROFESSOR PHILLIPS.

Fee, \$5.00.

CHEMISTRY

1. General chemistry; the non-metallic elements and their compounds.

Elective for Freshmen.

Three hours class-room work and two hours laboratory work each week.

Tu., Sat., 9.30, Thu., 3, Chemical Laboratory, PROFESSORS HOPKINS, DOUGHTY and ZINN.

Fee, \$5.00.

2. General chemistry; the metallic elements and their compounds.

Elective for Freshmen.

Three hours class-room work and two hours laboratory work each week.

Tu., Sat., 9.30, Thu., 3, Chemical Laboratory, PROFESSORS HOPKINS, DOUGHTY and ZINN.

Fee, \$4.00.

3. Inorganic chemistry; with especial emphasis on ionic hypothesis and chemical equilibrium and their applications to the reactions of analytical chemistry.

Elective for Sophomores.

(Chemistry 1 and 2 requisite. Students electing this course are advised to take Physics 1 and 2.)

Two hours class-room work and three hours of laboratory work each week.

Thu., Fri., 9.30, Tu., 3-6, Chemical Laboratory, PROFESSORS DOUGHTY and ZINN.

Fee, \$10.00.

4. Qualitative analysis; reactions and detection of the common metallic and acidic ions.

Elective for Sophomores.

(Chemistry 1, 2, and 3 requisite.)

Two hours of class-room work and three hours laboratory work each week.

Thu., Fri., 9.30, Tu., 3-6, Chemical Laboratory, PROFESSORS DOUGHTY and ZINN.

Fee, \$10.00.

5, 6. Quantitative analysis; chiefly laboratory work in gravimetric and volumetric analysis.

Elective for Juniors.

(Chemistry 1, 2, 3, and 4 requisite.)

Six hours laboratory work each week.

Hours arranged at the convenience of the instructor and students.

Chemical Laboratory, PROFESSOR ZINN.

Fee, \$10.00 each semester.

7, 8. Organic chemistry; and introduction to the chemistry of the compounds of carbon. General theory of organic chemistry and preparation of typical compounds.

Elective for Juniors.

(Chemistry 1, 2, 3, and 4 requisite.)

Three hours class-room work and three hours laboratory work each week.

Wed., Thu., 10.30, Mon., 2-6, Chemical Laboratory, PROFESSOR DOUGHTY.

Fee, \$10.00 each semester.

NOTE.—Chemistry 7 may be combined with Biology 10, taken in the same year, to make a year course.

The following courses are offered for the benefit of students who intend to undertake graduate work in chemistry. They may be taken only by men properly qualified and with the permission of the instructor.

A. Advanced volumetric analysis. Calibration of apparatus; preparation of standard solutions; determination of hydrogen ion concentration by indicators and by hydrogen electrode, leading up to and including modern methods of water analysis.

One semester, PROFESSOR HOPKINS.

Fee, \$10.00.

B. Advanced organic preparations. Preparation and study of typical compounds, involving more difficult manipulation than those studied in courses 7-8.

Two semesters, PROFESSOR DOUGHTY.

Fee, \$10.00 each semester.

C. Organic analysis. Determination of carbon, hydrogen, nitrogen, sulphur, and halogens in organic compounds.

One semester, PROFESSOR DOUGHTY.

Fee, \$10.00.

D. Advanced quantitative analysis; including rock analysis, gas analysis, and electro-deposition of metals.

Two semesters, PROFESSOR ZINN.

Fee, \$10.00 each semester.

The work in each of these courses consists of a minimum of nine hours a week in the laboratory, with assigned reading, conferences and examinations. A year's work can be made up of combinations of these courses, on a semester basis, by consent of the department.

NOTE.—A student intending to enter a medical school is advised to elect chemistry 1, 2, 3, 4, 7, 8.

ECONOMICS

Juniors will elect courses 1 and 2. Seniors who have had no Economics will elect 3 and 4.

I. INTRODUCTORY COURSES

1, 2. The economic order. A study of the organization of society in its pecuniary aspects.

Elective for Juniors.

Not open to Seniors.

Thu., Fri., 8.35, Tu., 2, Chapel 4, PROFESSORS STEWART and HAMILTON.

3, 4. Economics. A study of current problems in their relation to economic principles.

Elective for Seniors.

Thu., Fri., 8.35, Tu., 2, Chapel 5, PROFESSOR CROOK.

II. ADVANCED COURSES

5. Wealth and welfare. A study of the welfare of the several groups which make up industrial society as affected by the production and distribution of wealth.

Elective for Seniors.

(Economics 1, 2, or 3, 4, as in 1916-1917 catalogue, requisite.)

Mon., Fri., 10.30, Wed., 2, Chapel 4, PROFESSOR HAMILTON.

6. Theory of the credit system. A consideration of the nature and function of banking and credit processes and the business cycle.

Elective for Seniors.

(Economics 1, 2, or 3, 4, as in 1916-1917 catalogue, requisite.)

Mon., Fri., 10.30, Wed., 2, Chapel 4, PROFESSOR STEWART.

7. Public finance; the principles of public revenues and expenditures, with special emphasis on the problems of taxation.

Elective for Seniors.

(Economics 1, 2, or 3, 4, as in 1916-1917 catalogue, requisite.)

Mon., Fri., 10.30, Wed., 2, Chapel 5, PROFESSOR CROOK.

8. Labor problems, including trades-unionism and the wages question.

Elective for Seniors.

(Economics 1, 2, or 3, 4, as in the 1916-1917 catalogue, requisite.)

Mon., Fri., 10.30, Wed., 2, Chapel 5, PROFESSOR CROOK.

9, 10. Theory of modern industrialism. A genetic study of institutions and problems of contemporary society.

Elective for Seniors.

(Permission of instructors requisite.)

Mon., 7 P.M. to 8.30 P.M., Thu., 3 to 4.30, Economics Room, Library,
PROFESSORS HAMILTON and STEWART.

ENGLISH

1, 2. Introductory course; introduction to literary forms by the study of a few masterpieces; essentials of English composition; themes and reports.

Required course for Freshmen.

A. Thu., Fri., 8.35, Tu., 2, Williston 1, PROFESSOR WHICHER.

B. Mon., Wed., Fri., 11.30, Walker 7, PROFESSOR YOUNG.

C. Tu., Thu., Sat., 11.30, Williston 1, PROFESSOR UTTER.

D. Tu., Thu., Sat., 11.30, Walker 8, PROFESSOR WHICHER.

3, 4. Prose writers; reading and composition.

Elective for Sophomores.

Tu., Sat., 10.30, Wed., 3, Walker 8, PROFESSOR WHICHER.

5, 6. Nineteenth century literature.

Elective for Sophomores.

Tu., Sat., 10.30, Wed., 3, Williston 1, PROFESSOR UTTER.

9, 10. Elizabethan drama.

Elective for Juniors.

Mon., Fri., 10.30, Wed., 2, Walker 7, PROFESSOR WHICHER.

11, 12. Argumentative and expository writing.

Elective for Juniors.

Mon., Sat., 8.35, Thu., 2, Converse Memorial Library, PROFESSOR UTTER.

13, 14. Modern drama.

Elective for Juniors.

Mon., Fri., 10.30, Wed., 2, Walker 8, PROFESSOR YOUNG.

15, 16. Advanced composition.

Elective, with the consent of the instructor, for Seniors and specially qualified Juniors.

Hours arranged at the convenience of the instructor and students.
PROFESSOR FROST.

17, 18. Poetry; its nature and elements; its forms and

modes. Critical study of poems as illustrations and examples.

Special Senior Course.

(Omitted in 1917-1918.)

PROFESSOR CHURCHILL.

21, 22. Literature and art.

Elective for Seniors.

Thu., Fri., 9.30, Tu., 3, Walker 8, PROFESSOR YOUNG.

FRENCH

1, 2. Elementary course. *Equivalent to entrance French A.*

Elective for Freshmen.

Mon., Wed., 9.30, Fri., 3, Barrett 7, PROFESSOR STOWELL.

3, 4. Advanced course. *Equivalent to entrance French B.*

Elective for Freshmen.

A. Mon., Fri., 10.30, Wed., 2, Barrett 7, PROFESSOR STOWELL.

B. Tu., Sat., 8.35, Thu., 2, Barrett 8, PROFESSOR LANCASTER.

5, 6. French classics of the seventeenth, eighteenth, and nineteenth centuries.

Elective for Freshmen.

(3, 4, or the equivalent, requisite.)

A. Tu., Sat., 9.30, Thu., 3, Barrett 8, PROFESSOR LANCASTER.

B. Tu., Sat., 10.30, Wed., 3, Barrett 8, PROFESSOR LANCASTER.

7, 8. The novel.

Elective for Sophomores.

(5 and 6 requisite.)

Thu., Fri., 9.30, Tu., 3, Barrett 8, PROFESSOR STOWELL.

9. Nineteenth century drama.

Elective for Juniors.

(5, 6, 7, and 8 requisite.)

Tu., Thu., Sat., 11.30, Barrett 8, PROFESSOR LANCASTER.

10. The contemporary novel.

Elective for Juniors.

(9 requisite.)

Hours arranged at the convenience of the instructor and students.

PROFESSOR STOWELL.

11, 12. Literary monuments of old and modern French.

Elective for Seniors.

Given on application of three or more students who have completed

9, 10 with a grade of at least 80%.

Hours arranged at the convenience of the instructor and students.

PROFESSORS LANCASTER and STOWELL.

GEOLOGY

1, 2. General geology; being an introductory course covering the composition, structure, dynamics, and history of the earth. Three expeditions per semester are required.

Elective for Juniors.

Mon., Wed., Fri., 11.30, Geological Laboratory, PROFESSOR LOOMIS.

3, 4. Paleontology; the history of the development of life, both animals and plants.

Elective for Seniors.

(Geology 2 prerequisite.)

Mon., Wed., 8.35, Fri., 2, Geological Laboratory, PROFESSOR LOOMIS.

5, 6. Physical geography; a study and interpretation of the present features of the earth's surface. In the spring the work will consist of mapping an assigned area.

Elective for Seniors.

(Geology 2 prerequisite.)

Mon., Fri., 10.30, Wed., 2, Geological Laboratory, PROFESSOR LOOMIS.

NOTE.—A major in geology may consist of two years of geology and one year of biology, chemistry, or physics.

GERMAN

1, 2. Elementary course; grammar, pronunciation, com-

position, colloquial exercises, syntax, translation from prose selections. *Equivalent to entrance German A.*

Elective for Freshmen.

Wed., Thu., 10.30, Mon., 2, Barrett 3, PROFESSOR EASTMAN.

3, 4. Prose composition, with review of grammar; reading of modern prose; Schiller and Goethe: a representative work of each author; composition and free reproduction. *Equivalent to entrance German B.*

Elective for Freshmen.

A. Mon., Wed., 9.30, Fri., 3, Barrett 4, PROFESSOR MANTHEY-ZORN.

B. Thu., Fri., 9.30, Tu., 3, Barrett 4, PROFESSOR MANTHEY-ZORN.

5a. Goethe's dramas; lectures and essays.

Elective for Freshmen.

Thu., Fri., 8.35, Tu., 2, Barrett 3, PROFESSOR EASTMAN.

5b. The German drama of the nineteenth century; Kleist, Grillparzer, Hebbel; lectures and essays.

Elective for Freshmen.

Tu., Sat., 9.30, Thu., 3, Barrett 4, PROFESSOR MANTHEY-ZORN.

6. Goethe, *Faust*; lectures on the history of the Faust legend; Goethe's life; essays.

Elective for Freshmen.

A. Thu., Fri., 8.35, Tu., 2, Barrett 3, PROFESSOR EASTMAN.

B. Tu., Sat., 9.30, Thu., 3, Barrett 4, PROFESSOR MANTHEY-ZORN.

7, 8. The German novel of the nineteenth century.

Elective for Sophomores.

Tu., Thu., Sat., 11.30, Barrett 3, PROFESSOR EASTMAN.

9, 10. Modern German drama.

Elective for Sophomores.

(Omitted in 1917-1918.)

Courses 9, 10 are given in alternate years with courses 7, 8.

PROFESSOR MANTHEY-ZORN.

11. Middle High German; grammar; reading of selections from the *Nibelungenlied*.

Elective for Juniors.

Hours arranged at the convenience of the instructor and students.
PROFESSOR EASTMAN.

12. Middle High German; Walther von der Vogelweide and other minnesingers.

Elective for Juniors.

(Two semesters in addition to 5 and 6 requisite.)

Hours arranged at the convenience of the instructor and students.
PROFESSOR EASTMAN.

13, 14. The German drama of the seventeenth and eighteenth centuries.

Special Senior Course.

Hours arranged at the convenience of the instructor and students.
PROFESSOR MANTHEY-ZORN.

NOTE.—A major in German may consist of two years of German and Music 5, 6.

GREEK

1, 2. Course for beginners. An introduction to the Greek language and literature. Xenophon, *Anabasis* and *Memorabilia of Socrates*; reading on Greek thought and culture, with reports and discussion.

Elective for Freshmen.

A. Thu., Fri., 8.35, Tu., 2, Mon., 3, Williston 3, MR. BUCHANAN.

B. Wed., Thu., 10.30, Mon., 2, Fri., 2, Williston 3, MR. BUCHANAN.

3. Course for students continuing Greek 1, 2. Homer, *Iliad*; prose composition; reports and lectures on early Greek civilization.

Elective for Freshmen.

Thu., Fri., 9.30, Tu., 3, Chapel 1, MR. BUCHANAN.

To obtain credit for a year course, those who complete Greek 3 should take Greek 6.

5. Homer, *Odyssey*.*Elective for Freshmen.*

Thu., Fri., 9.30, Tu., 3, Williston 3, PROFESSOR SMITH.

6. Plato, *Apology* and *Crito*.*Elective for Freshmen.*

Thu., Fri., 9.30, Tu., 3, Williston 3, PROFESSOR SMITH and MR. BUCHANAN.

7. Greek tragedy.

Elective for Sophomores.

Mon., Wed., 9.30, Fri., 3, Williston 3, PROFESSOR SMITH.

8. Aristotle, *Ethics*.*Elective for Sophomores.*

Mon., Wed., 9.30, Fri., 3, Williston 3, PROFESSOR SMITH.

9. The later Greek poets: Theocritus, Bion, Moschus; the Greek anthology.

*Elective for Juniors.*Hours arranged at the convenience of the instructor and students.
PROFESSOR SMITH.

10. Greek drama: Aeschylus, Aristophanes, Menander.

*Elective for Juniors.*Hours arranged at the convenience of the instructor and students.
PROFESSOR SMITH.

HISTORY

1. The early Middle Ages; the passing of the Roman Empire and the beginnings of Christianity; Feudalism; the Crusades and other characteristic phenomena of the period.

Elective for Sophomores.

Mon., Wed., 8.35, Fri., 2, Walker 14, PROFESSOR THOMPSON.

2. The later Middle Ages; the development of nationalities; the culture and state of the Middle Ages; the Italian cities; the Renaissance and the Protestant Revolt.

Elective for Sophomores.

Mon., Wed., 8.35, Fri., 2, Walker 14, PROFESSOR THOMPSON.

3. English history, 1066-1689; the growth of the constitution; the Reformation; the Puritan Revolution; the Restoration; the Revolution of 1689.

Elective for Juniors.

Tu., Sat., 10.30, Wed., 3, Walker 13, MR. LELAND OLDS.

4. English history since 1689; the development of cabinet government; the struggle with France; the industrial revolution; the expansion of England.

Elective for Juniors.

Tu., Sat., 10.30, Wed., 3, Walker 13, MR. LELAND OLDS.

9. European history, 1648-1815; the age of Louis XIV; the rise of Prussia and Russia; the enlightened despots; the French Revolution; the Napoleonic Wars.

Elective for Juniors.

Mon., Wed., 8.35, Fri., 2, Walker 12, MR. LELAND OLDS.

10. European history since 1815; the reconstruction of Europe; the revolution of 1848; the unification of Italy and Germany; social and industrial progress; the expansion of Europe.

Elective for Juniors.

Mon., Wed., 8.35, Fri., 2, Walker 12, MR. LELAND OLDS.

11. Political and constitutional history of the United States to the election of Jackson, 1783-1828.

Elective for Seniors.

Thu., Fri., 8.35, Tu., 2, Walker 14, PROFESSOR THOMPSON.

12. Political and constitutional history of the United States since the election of Jackson.

Elective for Seniors.

Thu., Fri., 8.35, Tu., 2, Walker 14, PROFESSOR THOMPSON.

HISTORY OF RELIGION AND BIBLICAL LITERATURE

NOTE.—Seniors may elect courses 1, 2 or 3, 4, but not both.

1, 2. Introduction to the Bible. The historical understanding of the Hebrew and Christian scriptures; the nature and extent of their inspiration and authority; their place in the new Order and service to the institutions of democracy. Lectures, discussions, reading.

Elective for Juniors.

Wed., Thu., 10.30, Mon., 2, Walker 8, PROFESSOR FITCH.

3, 4. Classic religious problems. A survey of the phenomena generally characteristic of world religions, with especial reference to their appearance in Christianity; their analysis and interpretation; their relation to contemporary life and institutions. Discussions, lectures, reading.

Elective for Seniors.

Mon., Wed., Fri., 11.30, Walker 8, PROFESSOR FITCH.

HYGIENE AND PHYSICAL EDUCATION

All Freshmen, and all students entering with advanced standing who have no credit in hygiene, are required to take hygiene.

A. Elementary division in gymnastics, athletics, military drill, aquatics and games.

(Required of Juniors, Sophomores, and Freshmen who have not been promoted to B.)

B. Intermediate division in gymnastics, athletics, military drill, aquatics and games.

(Required of Juniors, Sophomores, and Freshmen who have been promoted to B.)

C. Advanced division in gymnastics, athletics, military drill, aquatics and games.

(Required of Juniors, Sophomores, and Freshmen who have been promoted to C, but have not been granted privilege of election in athletics on the basis of examination.)

ITALIAN

1, 2. Pronunciation, grammar, translation. Stories by DeAmicis, Castelnuevo, Farina, Verga, Fucini, and Serao; Manzoni, *I Promessi Sposi*.

Elective for Freshmen.

Tu., Sat., 9.30, Thu., 3, Barrett 6, PROFESSOR BAXTER.

3, 4. Reading, composition, and lectures on the history of Italian literature. Selected tales from Boccaccio, *Decamerone* (Fornaciari); Ariosto, *Orlando Furioso* (Papini); Castiglione, *Il Cortegiano* (Cian).

Elective for Sophomores.

(Omitted in 1917-1918.)

Courses 3, 4 are given in alternate years with courses 5, 6.

PROFESSOR BAXTER.

5, 6. Dante, *Divina Commedia* (Scartazzini); lectures on Dante; the literature of the Renaissance.

Elective for Sophomores.

Tu., Thu., Sat., 11.30, Barrett 6, PROFESSOR BAXTER.

NOTE. Italian 3 or Italian 5 may be combined with Art 2, taken in the same year, to make a year course.

LATIN

1. Tacitus, *Germania*; selections from the *Letters* of Cicero; Livy, selections from Books I, XXI, and XXII, two hours a week. Cicero, written sight translations of selections from *De Amicitia* or *De Senectute*, one hour a week, with personal interviews with the instructor.

2. Horace, selections from *Odes* and *Epodes*; Ovid, *Metamorphoses*.

Elective for Freshmen.

A. Mon., Wed., 8.35, Fri., 2, Chapel 2, PROFESSOR BENNETT.

B. Tu., Sat., 8.35, Thu., 2, Chapel 6, PROFESSOR LITCHFIELD.

C. Mon., Wed., 9.30, Fri., 3, Chapel 2, PROFESSOR BENNETT.

D. Tu., Sat., 10.30, Wed., 3, Chapel 6, PROFESSOR LITCHFIELD.

E. Mon., Fri., 10.30, Wed., 2, Chapel 6, PROFESSOR LITCHFIELD.

F. Thu., Fri., 9.30, Tu., 3, Williston 4, PROFESSOR COWLES.

3. Plautus, *Trinummus*; Terence, *Adelphoe*, with lectures on the Roman theatre, the origin and development of the Latin drama, and its influence on later writers. Especial attention will be given to the vocabulary, ante-classical forms, constructions, and the value of Roman comedy to the philologist and the student of Roman life; selections from Catullus and other Roman poets.

4. Tacitus, *Agricola*; selections from the *Letters* of Pliny the Younger. A study of the times in relation to the literature of this period; characteristics of the Silver Age Latinity; illustrated lectures on Roman life and monuments.

Elective for Sophomores.

A. Tu., Sat., 8.35, Thu., 2, Williston 4, PROFESSOR COWLES.

B. Tu., Sat., 9.30, Thu., 3, Williston 4, PROFESSOR COWLES.

C. Tu., Sat., 9.30, Thu., 3, Chapel 2, PROFESSOR BENNETT.

5. Roman society under the Republic. Vergil, *Georgics*; Horace, *Satires* and *Epistles*. Studies of Roman experience in religious, educational, social, and economic problems; lectures, discussions and reports, prescribed reading.

Elective for Juniors.

Thu., Fri., 9.30, Tu., 3, Chapel 6, PROFESSOR LITCHFIELD.

6. Roman society under the Early Empire. Tacitus, *Annals*; Petronius; Juvenal.

Elective for Juniors.

Thu., Fri., 9.30, Tu., 3, Chapel 6, PROFESSOR LITCHFIELD.

7. Lucretius. Selected books from *De Rerum Natura*, with especial attention to its philosophic content and literary characteristics. Prescribed reading, lectures, individual reports and discussions on philosophic and scientific problems presented by the poem.

Elective for Juniors.

Tu., Thu., Sat., 11.30, Chapel 2, PROFESSOR BENNETT.

8. The Roman epic. Vergil, *Æneid*, Books VII–XII. Development of epic poetry among the Romans, with especial emphasis on its national character. Lectures, prescribed reading, reports and discussions on the historical and literary aspects of the *Æneid*.

Elective for Juniors.

Tu., Thu., Sat., 11.30, Chapel 2, PROFESSOR BENNETT.

MATHEMATICS

1. Lines, planes and angles in space, problems in mensuration of solids; plane trigonometry.

2. Topics from advanced algebra; introduction to analytical geometry.

Required course for Freshmen.

Those who at entrance have credit by *examination* for Mathematics B, D and F are not required to take mathematics in college. If they desire to continue the subject, they should elect Mathematics 11 and 2.

Those who at entrance have credit by *certificate* for Mathematics B, D and F, and those who have presented for admission one point of advanced mathematics consisting of either Mathematics B and F or Mathematics D and F, are required to take a year of mathematics in college and should elect Mathematics 11 and 2.

Those who have presented for admission one-half point of credit in advanced mathematics, or one point consisting of Mathematics B and D, are required to take Mathematics 1 and 2.

A. Tu., Sat., 8.35, Mon., Thu., 2, Walker 5, PROFESSOR COBB and MR. KIMBALL.

B. Tu., Sat., 8.35, Mon., Thu., 2, Walker 2, PROFESSOR ESTY.

C. Tu., Sat., 9.30, Mon., Thu., 3, Walker 5, PROFESSOR ESTY.

D. Tu., Sat., 9.30, Mon., Thu., 3, Walker 2, PROFESSOR COBB and MR. KIMBALL.

E. Tu., Sat., 10.30, Wed., 3, Mon., 4, Walker 2, PROFESSOR PARKER.

3. Analytical geometry continued; introduction to calculus.

Elective for Sophomores.

Mon., Wed., Fri., 11.30, Walker 2, PROFESSOR OLDS.

4. Differential and integral calculus.

Elective for Sophomores.

Mon., Wed., Fri., 11.30, Walker 2, PROFESSOR OLDS.

5. Calculus continued; introduction to differential equations.

Elective for Juniors.

Mon., Wed., 9.30, Fri., 3, Walker 5, PROFESSOR OLDS.

6. Vector analysis, with special applications to analytical mechanics.

Elective for Juniors.

Mon., Wed., 9.30, Fri., 3, Walker 5, PROFESSOR ESTY.

7. Analytical mechanics continued.

Elective for Seniors.

Mon., Wed., 9.30, Fri., 3, Walker 2, PROFESSOR ESTY.

8. Advanced analytical geometry and advanced integral calculus.

Elective for Seniors.

(Omitted 1917-1918.)

PROFESSOR OLDS.

10. Introduction to the theory of functions.

Elective for Seniors.

Mon., Wed., 9.30, Fri., 3, Walker 2, PROFESSOR OLDS.

DESCRIPTIVE GEOMETRY AND DRAWING

11. Elements of descriptive geometry, drawing and lettering.

Elective for Freshmen.

(Solid geometry requisite.)

Three class-room exercises and six hours of drawing per week,

Tu., Sat., 8.35, Thu., 2, Walker 11, PROFESSOR PARKER.

12. Advanced descriptive geometry and drawing.

Elective for Freshmen.

(11 requisite.)

Three class-room exercises and six hours of drawing per week.

Tu., Sat., 8.35, Thu., 2, Walker 11, PROFESSOR PARKER.

13. Descriptive geometry of warped surfaces; perspective drawing.

Elective for Sophomores.

(11, 12 requisite.)

Nine hours per week arranged at the convenience of the instructor and students.

Walker 11, PROFESSOR PARKER.

14. Mechanical drawing; shades and shadows.

Elective for Freshmen.

Nine hours per week arranged at the convenience of the instructor and students.

Walker 11, PROFESSOR PARKER.

MILITARY SCIENCE AND TACTICS

The department offers two elective courses. The elementary course (1, 2) is given during the fall and spring, before and after the regular work in physical education; it may not be substituted for any other course; if taken, it must be satisfactorily completed as a requirement for a degree. The advanced course (3, 4) is intended primarily for the training of students who may be within a year called into the military service of the country. It counts for three hours of credit and may be taken as an ordinary elective subject.

1. School of the Soldier, School of the Squad, School of the Company.

Three hours drill, one hour tactics during fall term.

2. Continuation of 1. Battalion Close Order, Ceremonies.

Three hours drill, one hour tactics during spring term.

Elective for Freshmen.

Mon., Wed., 4, MAJOR DAMON.

3, 4. Three hours drill during spring and fall terms and two hours weekly theoretical work in military subjects. Three hours weekly theoretical work during winter term.

This course is designed for students who are at least twenty years old, and should ordinarily be preceded by 1, 2.

A. Mon., Wed., Fri., 11.30, Mon., Wed., 4, Walker 2, MAJOR DAMON.

B. Tu., Thu., Sat., 11.30, Mon., Wed., 4, Walker 2, MAJOR DAMON.

MUSIC

1, 2. Theory of music; harmony.

Elective for Sophomores.

Wed., Thu., 10.30, Music Room, PROFESSOR BIGELOW.

(Chorus, Mon., 7, Sun., 11.50. Orchestra, Mon., 7.30, Thu., 7.)

3, 4. The art of music, its development and forms; appreciation of masterpieces; studies in aesthetic.

Elective for Sophomores.

Chorus and orchestra as above. (1, 2 not prerequisite.)

Mon., Wed., 8.35, PROFESSOR BIGELOW.

5, 6. The music dramas of Richard Wagner. *Die Meistersinger*, *Der Ring des Nibelungen*, *Parsifal*, etc., as time may permit.

Elective for Juniors.

This course may be used to complete a major in either Music or German.

Pianos and a large orchestrelle are placed at the disposal of students taking these courses.

Mon., Wed., Fri., 11.30, Music Room, PROFESSOR BIGELOW.

7, 8. Chorus and orchestra.

Chorus, Mon., 7, Sun., 11.50. Orchestra, Mon., 7.30, Thu., 7, PROFESSOR BIGELOW.

During the college year 1917-1918 two oratorios will be given by the combined choruses and orchestras of Amherst and Smith Colleges.

Two rehearsals, amounting to an average of three hours a week, are required, the same number of absences being allowed as in any other course. Students from all classes may become members of the orchestra or chorus and receive credit as follows: four semesters of such work is credited as a semester course; less than two consecutive semesters is not counted. Students may substitute oratorio credit for one regular course in the last semester of the four required for credit, provided the course so replaced is not in a required subject or in a major. Special registration at the Octagon is required for Courses 7 and 8.

COLLEGE CHOIR

Students who have good voices and have had experience in singing may become members of the choir, whenever there are vacancies. They receive remuneration for their services, in return for which a faithful performance of duty is required.

The duties of the choir are to lead singing daily at morning prayers and at the Sunday morning service, and to attend such choir and chorus rehearsals as may be appointed.

PHILOSOPHY

1. Logic. A study of the aims and methods of thinking.

Elective for Sophomores.

Thu., Fri., 8.35, Tu., 2, Walker 8, PROFESSOR MEIKLEJOHN.

2. Ethics. A study of the nature and significance of conduct.

Elective for Sophomores.

Thu., Fri., 8.35, Tu., 2, Walker 8, PROFESSOR NEWLIN.

3, 4. Psychology and aesthetics.

Elective for Juniors.

Hours arranged at the convenience of the instructors and students.
PROFESSORS HAYES and POPE.

5. History of ancient philosophy. Lectures, readings and discussions.

Elective for Juniors.

Thu., Fri., 9.30, Tu., 3, Walker 10, PROFESSOR NEWLIN.

6. History of modern philosophy. Lectures, readings and discussions.

Elective for Juniors.

Thu., Fri., 9.30, Tu., 3, Walker 10, PROFESSOR POPE.

7, 8. Philosophy. Political ethics, involving a critical study of the basis of sovereignty and of state, of the fundamental social relationships, and of their manifestations in the fields of government, business, philanthropy, etc.; aesthetics; and the philosophy of religion. During the second semester students of high rank will be permitted, subject to the instructor's approval, to do special work in the study of some current social problems in the light of philosophical principles.

Elective for Seniors.

(1, 2 or 3, 4 or 5, 6 requisite.)

Wed., Thu., 10.30, Mon., 2, Walker 10, PROFESSOR NEWLIN.

9, 10. Studies in Kant and Plato.

Special Senior Course.

PROFESSORS MEIKLEJOHN and POPE.

PHYSICS

1, 2. Elementary mechanics; equilibrium and motion of solids, liquids, and gases; capillarity, and molecular forces; heat; electricity and magnetism; sound and light.

Elective for Sophomores (see note, p. 62).

Mon., Fri., 10.30, Wed., 2, Physics Laboratory, PROFESSORS KIMBALL and J. O. THOMPSON.

Fee, \$5.00 each semester.

Students who are credited with courses 1 and 2 may choose either course 3 followed by 4 or 6, or course 5 followed by 4 or 6.

3. Diffraction and polarized light, heat and elementary thermodynamics.

Elective for Juniors.

Tu., Sat., 9.30, Thu., 3, Physics Laboratory, PROFESSOR KIMBALL.
Fee, \$7.00.

4. Electricity, magnetism, and electrical measurements.

Elective for Juniors.

Tu., Sat., 9.30, Thu., 3, Physics Laboratory, PROFESSOR J. O. THOMPSON.
Fee, \$7.00.

5. Dynamo-electric machinery, and theory of alternating currents of electricity.

Elective for Juniors.

Tu., Sat., 8.35, Thu., 2, Physics Laboratory, PROFESSOR J. O. THOMPSON.
Fee, \$7.00.

6. Electric discharge through gases; radioactivity and electric waves.

Elective for Juniors.

Tu., Sat., 8.35, Thu., 2, Physics Laboratory, PROFESSOR KIMBALL.
Fee, \$7.00.

8. Thermodynamics applied to problems in physical chemistry.

Elective for Juniors.

(Omitted in 1917-1918.)
PROFESSOR WESTHAFFER.

9, 10. Advanced laboratory work, with reports and abstracts upon special topics.

Special Senior Course.

Three laboratory periods of two to three hours every week.

Appointments arranged at the convenience of the instructor and the class.

(Omitted in 1917-1918.)

PROFESSOR KIMBALL.

Fee, \$7.00 each semester.

POLITICAL SCIENCE

1. American national government. The historical background of the Federal Constitution and of political issues in the United States, and the organization and functions of the Federal Government. Especial attention is given to the position of the United States in foreign affairs.

Elective for Juniors.

Tu., Sat., 9.30, Thu., 3, Walker 12, PROFESSOR GETTELL.

2. American state and local government. The relations of the American commonwealths to one another and to the Union, and the organization and functions of government in American commonwealths, dependencies, rural local units, and cities.

Elective for Juniors.

Tu., Sat., 9.30, Thu., 3, Walker 12, PROFESSOR GETTELL.

3. Principles of political science. The fundamental nature of the state, of government, sovereignty, liberty and law; a consideration of the relation of state to individual and of state to state, and a classification of states and governments.

Elective for Seniors.

Mon., Wed., 9.30, Fri., 3, Walker 12, PROFESSOR GETTELL.

4. Comparative European government. A comparative study of the organization and actual working of government in the leading states of Europe. Especial attention is given to England, France, Germany, Italy, Switzerland, and Austria-Hungary.

Elective for Seniors.

Mon., Wed., 9.30, Fri., 3, Walker 12, PROFESSOR GETTELL.

5. Municipal government. The nature and growth of cities, the organization of municipal government, and the functions of municipal administration. Particular attention is given to recent tendencies in American city government.

Elective, with the consent of the instructor, for Seniors.

Tu., Sat., 8.35, Thu., 2, Walker 12, PROFESSOR GETTELL.

6. International Law. The historical development of relations among states, and the principles and practices of international intercourse.

Elective, with the consent of the instructor, for Seniors.

Tu., Sat., 8.35, Thu., 2, Walker 12, PROFESSOR GETTELL.

PUBLIC SPEAKING

2. Fundamentals of oral expression. Lectures: a study of the mechanism of the voice; correction of ordinary speech defects; exercises in proper breathing, articulation and enunciation; development of tone; selections for practice.

Required of all Freshmen.

PROFESSOR CORSA.

3. Oral interpretation and composition. Lectures: principles of speech delivery and speech preparation; exercises for practice; readings; original speeches; discussions; orations.

Required of all Sophomores.

PROFESSOR CORSA.

7. Debates on social, economic, historical and political questions.

Elective for Seniors.

This is a one-hour course open only to those Seniors who took Public Speaking 5 and 6 in 1916-1917.

Tu., 4, Chapel 7, PROFESSOR CORSA.

SOCIAL AND ECONOMIC INSTITUTIONS

1. A study of social and political institutions and problems intended to serve as an introduction to courses in history and political science.

Elective for Freshmen only.

Mon., Fri., 10.30, Wed., 2, Walker 12, PROFESSOR GETTELL and MR. CRAIG.

2. A study of social and economic institutions and problems intended to serve as an introduction to courses in economics and philosophy.

Elective for Freshmen only.

Mon., Fri., 10.30, Wed., 2, Chapel 4, PROFESSOR HAMILTON.

SPANISH

1, 2. Pronunciation, grammar, composition, translation, conversation.

Elective for Freshmen.

These courses may not be taken in the same year with Italian 1, 2.

A. Mon., Wed., 9.30, Fri., 3, Barrett 6, PROFESSOR BAXTER.

B. Mon., Wed., Fri., 11.30, Barrett 6, PROFESSOR BAXTER.

3, 4. Spanish literature of the sixteenth and seventeenth centuries; the novel, the drama, and the ballads.

Elective for Freshmen.

Thu., Fri., 9.30, Tu., 3, Barrett 6, PROFESSOR BAXTER.

LIST OF ELECTIVES

A course scheduled as an elective for one class is open to members of any higher class.

| | <i>Freshmen</i> | <i>Sophomores</i> | <i>Juniors</i> | <i>Seniors</i> |
|--|-----------------|-------------------|----------------|----------------|
| Art..... | .... | .... | 2 | .... |
| Astronomy..... | .... | .... | 2 | .... |
| Biology..... | 1, 2 | 3-10 | 11, 12 | .... |
| Chemistry..... | 1, 2 | 3, 4 | 5, 6, 7, 8 | A, B, C, D |
| Economics..... | .... | .... | 1, 2 | 3-10 |
| English..... | .... | 3, 4, 5, 6 | 9-14 | 15-22 |
| French..... | 1-6 | 7, 8 | 9, 10 | 11, 12 |
| Geology..... | .... | .... | 1, 2 | 3-6 |
| German..... | 1-6 | 7-10 | 11, 12 | 13, 14 |
| Greek..... | 1, 2, 3, 5, 6 | 7, 8 | 9, 10 | .... |
| History..... | .... | 1, 2 | 3, 4, 9, 10 | 11, 12 |
| History of Religion and Biblical Literature.... | .... | .... | 1, 2 | 3, 4 |
| Italian..... | 1, 2 | 3-6 | .... | .... |
| Latin..... | 1, 2 | 3, 4 | 5-8 | .... |
| Mathematics..... | 11, 12, 14 | 3, 4, 13 | 5, 6 | 7, 10 |
| Military Science..... | 1, 2, *3, 4 | .... | .... | .... |
| Music..... | 7, 8 | 1, 2, 3, 4 | 5, 6 | .... |
| Philosophy..... | .... | 1, 2 | 3-6 | 7-10 |
| Physics..... | †1, 2 | .... | 3-6 | 9, 10 |
| Political Science..... | .... | .... | 1, 2 | 3-6 |
| Public Speaking..... | .... | .... | .... | 7 |
| §Social and Economic Institutions..... | 1, 2 | .... | .... | .... |
| Spanish..... | 1, 2, 3, 4 | .... | .... | .... |

* See page 85.

§ For Freshmen only.

† See footnote, page 62.

LECTURESHIPS

THE HENRY WARD BEECHER LECTURESHIP

This lectureship was founded by Frank L. Babbott, M.A., of the Class of 1878, in honor of Henry Ward Beecher, of the Class of 1834. It is awarded annually by the Faculty for supplementary lectures in the Departments of History and the Political, Social, and Economic Sciences.

THE CLYDE FITCH FUND

A fund of twenty thousand dollars was established by Captain and Mrs. W. G. Fitch of New York in memory of of their son, Clyde Fitch, of the Class of 1886. The income of this fund is to be used for the furtherance of the study of English literature and dramatic art and literature. The whole or part of this income is usually devoted to the remuneration of an eminent lecturer, who may also take a part in the regular instruction of the College.

WILLIAM BREWSTER CLARK MEMORIAL LECTURESHIP

This lectureship is given by Fanny H. Clark and W. Evans Clark in memory of William Brewster Clark, M.D., of the Class of 1876. Four or more lectures are given each year on the Modern Point of View. The purpose of the donors is "to assist the College in throwing light in a genuinely scientific spirit on the relation of present-day research, discovery, and thought to individual and social attitude and policy."

ADMINISTRATION

TERMS AND VACATIONS

The college year begins on the third Thursday in September. The academic year includes thirty-six weeks of term time, divided into the autumn, winter, and spring terms. There is a Christmas Recess of two weeks, a Spring Recess of eight days, and a Summer Vacation of thirteen weeks. Commencement Day is the Wednesday before the last Wednesday in June. Courses of study are arranged by semesters of eighteen weeks each.

ADVISERS

Immediately upon entering college, every Freshman is required to submit his list of studies to the Registrar for approval. In the course of the year a member of the Faculty will be assigned as his adviser, and the student will be expected to consult him as to his course in general, and upon any other subject related to his college life whenever he feels the need.

ATTENDANCE AT COLLEGE EXERCISES

The officer in general charge of matters concerning attendance on college exercises is the Dean of the College.

Attendance at class exercises is administered subject to the general regulation that a student is allowed in every course a number of absences which may not exceed one-tenth of the number of exercises in that course.

In case he exceeds this allowance, he incurs a penalty of reduction in grade for the first offence, and for a second offence exclusion from the course for the remainder of the semester.

All students are required to be present at the chapel exercises conducted by the President every week-day morning at

quarter past eight o'clock in Johnson Chapel. At the Sunday service, held every Sunday in term time at a quarter before eleven o'clock in the College Church, all students not excused to attend elsewhere are required to be present. A communion service is held in the College Church three times during the year. Absences from chapel exercises are allowed upon an average of one a week for each semester; from the Sunday services, four absences are allowed each semester. Any student, on application to the Dean, may be excused from attending services at the College Church, in order to attend church service elsewhere with the denomination of his choice. If the student is under twenty-one years of age, his application must be accompanied by a written request from his parent or guardian.

HEALTH AND PHYSICAL DEVELOPMENT

The officer having general supervision of student health and physical development is the College Physician.

The Department of Hygiene and Physical Education is under the charge of the College Physician, who keeps himself acquainted with the health of the students. Each student soon after he enters College, and twice thereafter during his course, if he so desires, is given a careful physical examination and advised how to maintain his health and increase his physical efficiency.

Three hours a week of physical exercise are required of the Freshman, Sophomore, and Junior Classes until the spring recess.

During the autumn the prescribed work is taken outdoors on Hitchcock Field.

In the natatorium instruction is given in swimming. Every student who on entering College cannot swim is required to learn during the first year, and before the end of Sophomore year to pass the college requirements in swimming.

The results of this system of prescribed physical training, as shown by statistics systematically kept for more than fifty years, are eminently satisfactory.

An annual inspection is made of all fraternity houses with respect to their sanitary condition and safety in case of fire.

The College has an infirmary (see p. 100) for the treatment of illness or disabling accidents among the students. It is in charge of the College Physician in all matters except treatment, for which any student is at liberty to employ a physician of his own choice. The arrangements provide surgical appliances for emergency cases, and isolation and treatment of infectious diseases. The matron, a graduate nurse, is ready at all hours during term time to relieve ill or disabled students, and to provide for their necessities pending any arrangements for special treatment.

Every case of illness, whether the student goes to the infirmary or not, must be immediately reported to the College Physician.

SCHEDULES, RECORDS, AND REPORTS

The officer in charge of records and reports is the Registrar of the College.

For the convenience of members of the College there is provided a printed schedule of all class exercises, a synopsis of courses for use when the election of studies is being made, and a set of rules and requirements that relate to the internal life of the College. These, together with copies of the Annual Catalogue, may be obtained at the Registrar's office.

Every student, upon admission to College, is given an Undergraduate Course Book, containing the rules and requirements of the College and space for his record in College. This course book is returned to the Registrar twice a year for additional records and verification.

Reports of standing are made after each semester by the Registrar. Rank in each subject is reported as follows:

A, 90-100 per cent; B, 80-89 per cent; C, 70-79 per cent; D, 60-69 per cent; E, 50-59 per cent; F, below 50 per cent. The passing grade in all departments is 60 per cent.

The average grade for each semester and the general average for all semesters are reported on the percentage basis.

EXPENSES

All communications concerning tuition, fees, and rental of rooms should be made to the Treasurer of the College.

TUITION

The charge for tuition is one hundred and forty dollars a year, of which eighty dollars is required in advance at the beginning of the first semester, and sixty dollars at the beginning of the second semester. This includes use of the library and gymnasium, and all ordinary incidentals.

Every member of the Senior class is required to pay a graduation fee of six dollars at the beginning of the second semester of Senior year.

The tuition for candidates for the degree of Master of Arts is at the rate of thirty-five dollars for a year course.

LABORATORY FEES

The following fees are charged in connection with the laboratory courses in biology, chemistry, and physics:

| | | |
|-----------|--|--------|
| Biology | First year, each semester | \$5.00 |
| | Second and third years, each semester | 5.00 |
| | Seniors in special laboratory courses, each semester | 5.00 |
| Chemistry | First year, first semester | 5.00 |
| | First year, second semester | 4.00 |
| | Second, third, and fourth years, each semester | 10.00 |
| Physics | First year, each semester | 5.00 |
| | Second and third years, each semester | 7.00 |

These fees must be paid on or before the first day of the semester for which they are charged. Dues for breakage must be paid at the close of the semester.

ROOMS AND BOARD

The dormitories of the College accommodate about two hundred students, and the fraternity houses about two hundred and fifty.

The arrangement of rooms in the dormitories is such that they may be rented singly or in suites consisting of a study and either one or two bedrooms. All rooms are heated with steam and lighted with electricity, and most of them are provided with open fireplaces.

Plans showing the arrangement of rooms in the various dormitories, together with a detailed statement of prices, may be obtained from the Treasurer of the College.

A student who is occupying a dormitory room is allowed until the first Monday in May to reengage it for the succeeding year. After that date, members of the College may draw for choice of unengaged rooms in the following order: on the Tuesday following, members of the incoming Senior class; on the Thursday following, members of the incoming Junior class; and on the Friday following, members of the incoming Sophomore class. After the last date rooms will be rented as called for; or they may be reserved for members of the incoming Freshman class.

A payment of ten dollars is required when a room is engaged, this amount being credited on the account for the first semester. The balance of one-half of the yearly rental is payable before the opening of the first semester and the second half before the opening of the second semester. Payment of the amount due each semester must precede registration.

Dormitory rooms may be rented only for the entire aca-

demio year even in cases of withdrawal from College. Applicants who are rejected at the June examinations will be released from their contracts, and deposits made to secure rooms will be refunded on written request to the Treasurer before July 15. After the June examinations all applicants who engage rooms will be held responsible for the year's rental.

Dormitory rooms may be occupied on the Monday of the week in which the autumn term opens.

The prices charged for rooms include heat, water, and care by janitors. Electricity used in the rooms is paid for by the occupants at the close of each term. The range of prices is as follows:

Single rooms from \$55 to \$95 a year.

Study and one bedroom from \$100 to \$180 a year.

Study and two bedrooms from \$200 to \$225 a year.

Rooms may also be rented in private houses.

Board is furnished at various places in the town at prices which range from six dollars to eight dollars a week.

SUMMARY

The following table shows three scales of annual expenditures, not including clothing, vacation expenses, laboratory charges, membership in student organizations, and incidentals:

| | | | |
|--------------------------------------|----------|----------|----------|
| Tuition | \$140.00 | \$140.00 | \$140.00 |
| Room (one half) | 42.50 | 55.00 | 112.50 |
| Furniture (annual average) | 10.00 | 20.00 | 30.00 |
| Board thirty-six weeks | 216.00 | 234.00 | 252.00 |
| Fuel and light | 10.00 | 15.00 | 25.00 |
| | <hr/> | <hr/> | <hr/> |
| | \$418.50 | \$464.00 | \$559.50 |

For the use of the College Infirmary (see p. 97), each patient is charged a sum sufficient to defray necessary ex-

pense. Provision is made for a limited number of patients by funds given in aid of needy and worthy students, one in memory of Rev. Edmund K. Alden, D.D., of the Class of 1844, and one in memory of Rev. Thomas P. Field, D.D., of the Class of 1834.

HONORS

COMMENCEMENT EXERCISES

From the fifteen Seniors who have attained the highest general standing at the end of the first semester of Senior year, five are selected upon the basis of literary and oratorical merit, to deliver orations on Commencement day. The Bond prize of one hundred dollars is awarded to the speaker who delivers the best oration.

THE BOND FIFTEEN FOR 1917

| | |
|----------------------------|-----------------------|
| George Everett Baril | Charles James Jessup |
| Harmon Shove Boyd | Carroll Blakely Low |
| *Morris Albert Copeland | *Royal Edmund McGowan |
| Elbridge Alvah Goodhue | *Hilmar Rauschenbusch |
| Franklin Powers Hawkes | Edward Merrill Root |
| *Walter Hendricks | Harold Addison Smith |
| Charles Hanchett Hitchcock | Henry Willis Wells |
| Norman Rohde Lemcke | |

The Bond Prize was awarded in 1917 to Walter Hendricks.

THE PHI BETA KAPPA SOCIETY

Those who, at the end of the second term of Junior year, have attained a grade of 88 per cent are entitled to nomination by the Faculty to membership in the Phi Beta Kappa Society; such nomination is open also to those who, at the end of the second term of the Senior year, have attained a grade of 85 per cent.

* Selected by competition as Commencement Speakers.

PHI BETA KAPPA, 1917

President: Professor EDWIN AUGUSTUS GROSVENOR, LL.D.,
LITT.D.

Corresponding Secretary: Professor CHARLES ERNEST BEN-
NETT, PH.D.

Recording Secretary: AUGUSTUS SHERRILL HOUGHTON.

First Drawing, Class of 1917

| | |
|------------------------|----------------------------|
| Morris Albert Copeland | Charles Hanchett Hitchcock |
| Franklin Powers Hawkes | Harold Addison Smith |

First Drawing, Class of 1918

| | |
|----------------------------|-------------------------|
| Carter Lyman Goodrich | William Henry Michener |
| Theodore Meyer Greene | Edward Ward Morehouse |
| Augustus Sherrill Houghton | Allan Frederic Saunders |
| | Malcolm Pitman Sharp |

Second Drawing, Class of 1917

| | |
|------------------------|----------------------|
| George Everett Baril | Norman Rohde Lemcke |
| Harmon Shove Boyd | Carroll Blakely Low |
| Elbridge Alvah Goodhue | Royal Edmund McGowan |
| | Edward Merrill Root |

FINAL HONORS AT GRADUATION

Final honors in a single department of study are awarded for special work involving collateral reading or investigation under the following conditions:

(1) The candidate must complete at least four advanced semester courses in connection with two of which special work of collateral reading or investigation must be done. No student may be a candidate in more than one department, except by vote of the Administration Committee.

(2) The candidate must have at graduation an average standing of not less than 80 per cent in all studies of the college course; an average standing of not less than 75 per cent in each study of Senior year, and of 90 per cent in the last year of study in the department in which the honor is sought.

(3) The proficiency of the candidate is tested by special examination or by thesis, or by both, at the end of Senior year.

(4) Notice of intention to become a candidate must be given to the Registrar by October 10 of the Senior year.

One unit is added to the total average rank of a student who takes final honors. If honors are taken in more than one department, only one unit is added.

The names of successful candidates are announced at Commencement and in the annual catalogue.

FINAL HONORS, 1916-1917

| | |
|----------------------------|-------------------|
| Charles Hanchett Hitchcock | <i>Chemistry</i> |
| Walter Hendricks | <i>English</i> |
| Morris Albert Copeland | <i>Greek</i> |
| Morris Albert Copeland | <i>Philosophy</i> |

HONORABLE MENTION

Honorable mention is awarded in the various departments under the following conditions:

(1) There must be a standing of not less than 75 per cent in every department for the year.

(2) An average of 93 per cent must be maintained for a full year's course in the department in which honorable mention is sought.

The names of those who have honorable mention are announced in the annual catalogue.

HONORABLE MENTION

1916-1917

Astronomy

1917 Morris Albert Copeland 1917 Harold Addison Smith

Biology

1917 Charles Hanchett Hitchcock 1919 Ernest Mutschler

Chemistry

| | | | |
|------|----------------------------|------|------------------------|
| 1917 | Charles Hanchett Hitchcock | 1917 | Elbridge Alvah Goodhue |
| 1917 | Harold Addison Smith | 1920 | Ralph Alonzo Beebe |

Economics

| | |
|------|-----------------------|
| 1918 | Carter Lyman Goodrich |
|------|-----------------------|

English

| | | | |
|------|-----------------------|------|---------------------|
| 1917 | Edward Merrill Root | 1918 | Gorham Lamont Cross |
| 1920 | Lawrence Edgar Crooks | | |

French

| | | | |
|------|-----------------------|------|---------------------|
| 1917 | Alfred DeWitt Mason | 1917 | Edward Merrill Root |
| 1918 | Carter Lyman Goodrich | 1920 | Ralph Alonzo Beebe |

Geology

| | |
|------|----------------------------|
| 1918 | Augustus Sherrill Houghton |
|------|----------------------------|

German

| | | | |
|------|---------------------|------|----------------------|
| 1917 | John Dodge Clark | 1917 | Charles James Jessup |
| 1917 | Norman Rohde Lemcke | 1917 | Keith Langdon Maurer |
| 1919 | Ernest Mutschler | 1919 | Charles Scott Porter |

Greek

| | | | |
|------|--------------------------|------|------------------------|
| 1917 | Morris Albert Copeland | 1917 | Edward Merrill Root |
| 1918 | Malcolm Pitman Sharp | 1919 | Charles Scott Porter |
| 1920 | Francis Trowbridge Cooke | 1920 | John Joseph Hanselmann |
| 1920 | Edward Lawyer McKinstry | 1920 | Edgar Nichols |

History

| | | | |
|------|----------------------|------|---------------------------|
| 1917 | John Gerow Gazley | 1918 | George Washington Cornell |
| 1918 | Alvin Emerson Harris | 1918 | Edward Ward Morehouse |

Latin

| | | | |
|------|------------------------|------|--------------------------|
| 1919 | Allyn Bailey Forbes | 1919 | Karl Eugene Gerarden |
| 1919 | Leonard Page Moore | 1919 | Charles Scott Porter |
| 1920 | Ralph Alonzo Beebe | 1920 | Francis Trowbridge Cooke |
| 1920 | Kenneth Brooks Low | 1920 | Charles Rader Lowther |
| 1920 | Frank Gilbert McNamara | 1920 | Robert Gazlay Stewart |

Mathematics

| | | | |
|------|--------------------------|------|------------------------|
| 1918 | Gorham Lamont Cross | 1919 | Karl Eugene Gerarden |
| 1919 | Leonard Page Moore | 1919 | Charles Scott Porter |
| 1920 | Francis Trowbridge Cooke | 1920 | Benjamin Freeman |
| 1920 | Kenneth Brooks Low | 1920 | Charles Rader Lowther |
| 1920 | Edgar Nichols | 1920 | Frederick Allen Parker |
| 1920 | Arthur Clark Sisson | 1920 | Atherton Hall Sprague |
| 1920 | Willard Long Thorp | | |

Philosophy

| | | | |
|------|------------------------|------|----------------------|
| 1917 | George Everett Baril | 1917 | Royal Edmund McGowan |
| 1919 | Alphonse Ernest Cavart | | |

FELLOWSHIPS

THE ROSWELL DWIGHT HITCHCOCK MEMORIAL FELLOWSHIP

Of two hundred and fifty dollars, offered by the Alpha Delta Phi Fraternity, is awarded annually, under conditions determined by the Faculty, to a member of the Senior class for excellence in history and the social and economic sciences. The holder of the Fellowship pursues for one year, at an institution approved by the Faculty, a course of study in history or economics, to be completed within the period of two years next following graduation. The amount of the Fellowship is paid in two instalments, one on completion of one-half the year's work, the other at the end of the year.

THE RUFUS B. KELLOGG UNIVERSITY FELLOWSHIP

The gift of the late Rufus B. Kellogg of the Class of 1858 awards the income of about thirty thousand dollars for seven years to an alumnus of Amherst College, who shall be appointed upon the following conditions:

(1) He shall be elected by the Faculty from the members of the class graduated at the close of the academic year in which this election shall be made, or from the members of the classes graduated in the six years immediately preceding the academic year in which this election shall be made.

(2) The Faculty shall select as the incumbent of the said Fellowship the man who, in their judgment, is best equipped for study and research, without regard to any other consideration whatsoever, except that he shall have an especially good knowledge of the Latin and German languages.

(3) The first three years of the term of seven years the incumbent shall spend at a German university (or with the approval of the Faculty of Amherst College, at any other place or places), in the study of philosophy, philology, literature, history, political science, political economy, mathematics, or natural science. The last four years of the term of seven years shall be spent as a lecturer at Amherst College. But the incumbent shall not give more than thirty lectures per annum, and shall not be required to reside at Amherst more than one college term of any year. The lectures shall be upon a subject selected by himself and approved by the Trustees; and the incumbent shall cause the lectures to be published at the end of his official term in good book form. He shall have no occupation or employment during the period of his Fellowship, except such as pertains to the duty of his Fellowship.

THE EDWARD HITCHCOCK FELLOWSHIP

Of five hundred dollars, was founded by the late Mrs. Frank L. Babbott of Brooklyn, N. Y., to promote graduate study in the department of physical education. Its object is to make the student familiar with the best methods of physical training, both in the gymnasium and on the field. The appointment is made by the Faculty.

THE SOUTH END HOUSE FELLOWSHIP

Of about five hundred dollars, is provided by alumni of Boston and vicinity. The incumbent is in residence one year at the South End House, Boston, for the purpose of investigating social conditions and rendering service according to the methods of a university settlement. The appointment is made by the Trustees of the College.

PRIZES

The following prizes are offered annually for proficiency in the work of the several departments of collegiate study:

ENGLISH

THE ARMSTRONG PRIZES, of fifty dollars in books, given by Collin Armstrong of the Class of 1877, in memory of his mother, Miriam Collin Armstrong, to members of the Freshman class who excel in composition.

Awarded in 1917 to Arthur James Beckhard, Joseph Warren Galligan, Edward Halline, Joseph Karp, Joseph Moncure March of the Class of 1920.

THE HAGEN PRIZE IN ENGLISH LITERATURE, of fifty dollars, given by Winston H. Hagen, of the Class of 1879. For the year 1917-1918 the prize will be awarded for the best introduction and table of contents for an anthology illustrating the Comedy of Manners.

THE FOLGER PRIZES, of one hundred, fifty, and twenty-five dollars, given by Henry C. Folger, Jr., of the Class of 1879, for the best essays on Shakespearean topics, to be competed for by members of the Senior class. For the year 1917-1918 the prizes will be awarded for the best studies of Shakespeare's Sonnets.

Awarded in 1917: a prize of fifty dollars to John Dodge Clark of the Class of 1917.

GREEK

THE HUTCHINS PRIZE, of fifty dollars, given by the late Waldo Hutchins of the Class of 1842, to the best scholar in Greek at the end of the Junior year. The scholarship is determined chiefly by the regular recitations and examinations of the department, but special studies and examinations may also be required of the candidates.

Awarded in 1916-1917 to Malcolm Pitman Sharp of the Class of 1917.

THE WILLIAM C. COLLAR PRIZE, of forty-five dollars, given by the late William C. Collar of the Class of 1859, to that member of the Freshman class who shall make on a written examination the best version in English of a previously unseen passage from some Greek author.

Awarded in 1916-1917 to Francis Trowbridge Cooke of the Class of 1920.

LATIN

THE BERTRAM PRIZES, of fifty dollars each, given by the late John Bertram of Salem. One of the prizes is awarded to that student who, together with attaining a high average in the work of Latin 7, presents the best essay on the philosophical, ethical, or poetical elements in the *De Rerum Natura* of Lucretius; the other prize is awarded to that student who, together with attaining a high average in the work of Latin 8, presents the best essay on the *Æneid* of Vergil with special reference to the literary qualities of the last six books, to the successful employment of the Latin hexameter, and to the influence of Vergil on subsequent writers.

These prizes are withdrawn for the year 1917-1918.

Awarded in 1916-1917: both prizes to George Everett Baril of the Class of 1917.

TWO JUNIOR PRIZES, of thirty dollars each. For the year 1917-1918 one of the prizes is awarded to that student who, together with attaining a high average in Latin 5, presents the best papers on topics connected with the study of Roman Satire; the other prize is awarded to that student who, together with attaining a high average in the work of Latin 6, presents the best essay on a topic connected with the study of the *Annales* of Tacitus.

Awarded in 1917: first prize to Francis Morse Dent of the Class of 1917.

THE BILLINGS PRIZES, of thirty and of twenty dollars, given by the late Parmly Billings of the Class of 1884, for general excellence in the work of the Sophomore year, together with the best essays on special topics connected with the study of Catullus, Tacitus, and Pliny the Younger.

In 1917 the sum of thirty dollars was awarded to Leonard Page Moore of the Class of 1919 and twenty dollars to Henry Whitcomb Sweeney of the Class of 1919.

THE FRESHMAN PRIZES, of twenty-five and of fifteen dollars, for the highest scholarship in the Latin of Freshman year. The award is determined by the reading at sight of passages from Cicero, Livy, Horace, and Ovid.

Awarded in 1917: first prize to Francis Trowbridge Cooke of the Class of 1920; second prize to Joseph Warren Galligan of the Class of 1920.

MATHEMATICS, PHYSICS, AND ASTRONOMY

THE WALKER PRIZES, given by the late William J. Walker of Newport, Rhode Island. Two prizes, of fifty and of thirty dollars, in the mathematics of the first year.

Awarded in 1917: first prize to Willard Long Thorp of the Class of 1920; second prize to Atherton Hall Sprague of the Class of 1920.

Two prizes of eighty and of forty dollars, in the mathematics of the second year.

Awarded in 1917: first prize to Karl Eugene Gerarden of the Class of 1919; second prize to Charles Scott Porter of the Class of 1919.

The award in each case is determined by an examination.

THE PORTER PRIZES, of twenty and of ten dollars for proficiency in first year physics and astronomy respectively, given by the late Eleazer Porter of Hadley.

In 1917 the prize in physics was awarded to Alphonse Ernest Cavart of the Class of 1919.

In 1917 the prize in astronomy was awarded to Morris Albert Copeland of the Class of 1917.

THE A. C. JAMES PRIZE, of fifty dollars, for proficiency in the study of navigation.

A PRIZE OF THIRTY DOLLARS, given by a member of the Class of 1884, for proficiency in the second year's course in physics.

Divided in 1917 between Elbridge Alvah Goodhue and Bradford Fisher Kimball of the Class of 1917.

NATURAL SCIENCE

THE SHEPARD MINERALOGICAL PRIZES, of mineralogical specimens, valued respectively at fifteen, eight, six, and five dollars, given by the late Professor Charles U. Shepard, of the Class of 1824, to members of the Senior class in mineralogy.

THE SAWYER PRIZE, a gold medal of the value of fifty dollars, given by the late Edmund H. Sawyer, of Easthampton, for the best work in the course in human anatomy and physiology.

Awarded in 1917 to Thomas Hayes Nelligan of the Class of 1917.

THE A. LYMAN WILLISTON PRIZES IN PHYSICAL EDUCATION, of seventy-five dollars, given by the late A. Lyman Williston of Northampton in memory of his friend, teacher, and co-trustee of Mount Holyoke College and Williston Seminary, Dr. Edward Hitchcock. These prizes are continued by his son, Robert L. Williston.

To the two members of the Freshman class who attain the highest rank in the course on personal hygiene, fifteen and ten dollars.

Awarded in 1917: first prize to Horatio Whitman Newell of the Class of 1920; second prize to Howard Murray Bassett of the Class of 1920.

To the two members of the Junior class who, in the opinion of the department, have profited most from their three years' work in the Department of Hygiene and Physical Education, thirty and twenty dollars.

Awarded in 1917: first prize to John Sinclair Gillies of the Class of 1918; second prize to Clarence Hoffman Travor of the Class of 1918.

A SCHOLARSHIP OF FIFTY DOLLARS at the Woods Hole Marine Laboratory given annually by the Phi Delta Theta Fraternity to that student who has shown the greatest proficiency in Biology.

THE PORTER ADMISSION PRIZE

THE PORTER ADMISSION PRIZE, of fifty dollars, given by the late Eleazer Porter, of Hadley, to the student who passes the best examination in an ancient language, English, and mathematics, at an examination in October open to all members of the entering class. The name of the successful candidate, together with that of his school or of the instructor with whom he prepared for college, is published in the catalogue.

Awarded in 1917 to Carroll Capen Bailey of the Class of 1921, who prepared for College at the Fitchburg High School.

PUBLIC SPEAKING

THE KELLOGG PRIZES, one of fifty dollars to a member of the Sophomore class, and one of fifty dollars to a member of the Freshman class, given by the late Rufus B. Kellogg, of the Class of 1858, for excellence in declamation.

Awarded in 1917 to Carl Hamilton Patton of the Class of 1919, and Andrew Newton Clarke of the Class of 1920.

THE HARDY PRIZES, of thirty and twenty dollars, given by the late Alpheus Hardy of Boston, for improvement in extemporaneous speaking.

THE HYDE PRIZE, of one hundred dollars and a bronze relief of Lincoln, given by Benjamin D. Hyde of the Class of 1894, in memory of his father, Henry D. Hyde, of the Class of 1861, to that member of the Senior class who produces the best oration. Both composition and delivery are considered in making the award.

THE BOND PRIZE, of one hundred dollars, given by the late Ephraim W. Bond of the Class of 1841, for the best production spoken on the Commencement stage. The award is determined by a committee appointed by the Trustees upon nomination by the Faculty Committee on the Bond Prize.

Awarded in 1917 to Walter Hendricks of the Class of 1917.

THE CLASS-OF-1884 ORATORICAL PRIZE, of twenty-five dollars, given by a member of the Class of 1884, to the orator who is chosen to represent Amherst in the New England Public Speaking Contest.

Awarded in 1917 to William Howard Beach of the Class of 1917.

THE ROGERS PRIZE, of seventy dollars in books, given by Noah C. Rogers, of the Class of 1880, to Juniors for excellence in debate.

Awarded in 1916-1917 to Albert Ware Bailey, William Howard Beach, George Benneyan, Irving Walker Soare, Lucius Ellsworth Thayer.

OTHER PRIZES

THE LADD PRIZES, the sum of one hundred dollars, given by William M. Ladd of the Class of 1878, to be used in connection with the annual exhibition of heavy gymnastics.

THE WOODS PRIZE, of sixty dollars, given by the late Josiah B. Woods of Enfield, for general culture and improvement; also a bronze plaque with the inscription *Pro Singulari Merito*, given by the Class of 1894. This prize is awarded at the conclusion of the course.

Awarded in 1917 to Mortimer Eisner of the Class of 1917.

THE STANLEY V. and CHARLES B. TRAVIS PRIZE FOR IMPROVEMENT, of ninety dollars, given by the late Charles B. Travis of the Class of 1864, to the Senior who has made the most improvement, as a man and a scholar, during his college course.

Awarded in 1917 to Edward Merrill Root of the Class of 1917.

THE DANTE PRIZE, of one hundred dollars, is offered annually by the Dante Society of America for the best essay by a student, or graduate of not more than three years' standing, on a subject drawn from the Life or Works of Dante. Competition for the prize is open to students and graduates of any college or university of the United States. Detailed information in regard to the rules of competition and choice of subjects may be obtained from the Department of Romance Languages.

THE CLASS-OF-1884 PRIZE, of one hundred dollars, to the class that excels in the singing of college songs. The contest occurs on the campus in June, when the four classes sing in turn. A prize of twenty-five dollars is given for the best original song.

THE TREADWAY INTERFRATERNITY SCHOLARSHIP TROPHY, a silver cup, given by Hon. Allen Treadway of the Class of 1886, in memory of his son, Charles Denton Treadway, awarded to that fraternity or group of non-fraternity men which has attained the highest scholastic average during the previous academic year.

Awarded in 1917 to the Chi Psi Fraternity.

SCHOLARSHIPS AND BENEFICIARY AID

The officer directly in charge of the administration of scholarships and beneficiary aid is the President of the College.

The beneficiary funds of the College aggregate three hundred and fifty thousand dollars. Except as otherwise provided by the donors, the income of these funds is distributed annually, among students of high character and good scholarship who need pecuniary aid.

Aid from beneficiary funds is given to students who maintain a high standard of honor, who have no delinquency in any subject, whose average rank is not below seventy per cent, whose habits are economical, and who are candidates for a degree.

Awards are paid in instalments, at the beginning of each semester. The award is made for the entire year.

Applicants for scholarships in the three upper classes must file at the Registrar's office, on or before June 1, a statement of their resources for the academic year, together with two letters of recommendation giving evidence of their need, attainments, and character.

Applicants for the renewal of scholarships must present an account of their expenditures and income for the preceding year.

A limited number of applicants may be assured of scholarship awards before entering college. Blanks for application may be obtained of the President, and, when filled out by the applicant, must be accompanied by two letters concerning need, character, and attainments, one letter from the parent or guardian, and one from the principal or teacher. Awards are not payable unless the applicant is free from entrance conditions.

Scholarships are of three grades: one hundred and forty dollars, one hundred and twenty-five dollars, and one hundred and ten dollars, the amount being credited on tuition bills. Scholarships of the first grade are awarded to students whose average standing is A (90% to 100%); of the second grade, to students whose average standing is B (80% to 89%); of the third grade, to students whose average standing is C (70% to 79%). There are four scholarships of one hundred dollars, and four of one hundred and ten dollars, which are not subject to the above conditions, except that a standing of not less than 70% shall be maintained. Those who intend to enter the Christian ministry are awarded scholarships on the above conditions.

Awards are made from the income of the following funds:

THE CHARITABLE FUND, \$90,000, primarily in aid of those studying for the Christian ministry. Any surplus income may be awarded to other students in the classical course.

THE STONE EDUCATIONAL FUND, \$25,000.

THE CLASS OF 1871 SCHOLARSHIP FUND, \$25,000, established by a member of the class.

THE MOORE BENEFICIARY FUND, \$19,000, established by Rev. Zephaniah Swift Moore, D. D., first president of the college.

THE WILLIAM HILTON SCHOLARSHIP FUND, \$22,500, the bequest of William Hilton of Boston.

THE WHITCOMB SCHOLARSHIP FUND, \$12,000, established by David Whitcomb and G. Henry Whitcomb of Worcester.

THE HITCHCOCK SCHOLARSHIP FUND, \$11,000, established by Samuel A. Hitchcock of Brimfield.

THE JOHN E. SANFORD CLASS OF 1851 SCHOLARSHIP FUND, \$10,000, established by John E. Sanford of Taunton.

THE EMERSON GAYLORD SCHOLARSHIP FUND, \$6000, the bequest of Emerson Gaylord of Chicopee. Preference is given to graduates of the Chicopee High School.

THE DAY BENEVOLENT FUND, \$5000, the bequest of Moses Day of Boston.

THE SEYMOUR SCHOLARSHIP FUND, \$5000, the bequest of James S. Seymour of Auburn, New York.

- THE HARRY L. WILBUR SCHOLARSHIP FUND, \$5000, established by his parents in memory of Harry L. Wilbur of the Class of 1884.
- A SCHOLARSHIP FUND, \$5000, the bequest of Ivory H. Bartlett, Jr., of New Bedford.
- THE ADDISON BROWN SCHOLARSHIP FUND, \$5000, the bequest of Addison Brown of the Class of 1852, of New York. The Addison Brown Scholarship is awarded annually to that member of the Senior class who, being already on the scholarship list, shall have attained the highest standing in the studies of the Freshman, Sophomore, and Junior years.
- THE GEORGE ATWATER HALL SCHOLARSHIP FUND, \$5000, established by Rev. George Atwater Hall of Brookline, Mass.
- THE DANFORTH KEYES BANGS SCHOLARSHIP FUND, \$4000, the bequest of Mrs. Louisa S. Baker of Amherst.
- THE FARNSWORTH SCHOLARSHIP FUND, \$3000, established by Isaac D. Farnsworth of Boston.
- THE KNOWLES SCHOLARSHIP FUND, \$3000, the bequest of Lucius J. Knowles of Worcester.
- A SCHOLARSHIP FUND, \$3000, established by a friend of the College.
- THE CLASS OF 1861 SCHOLARSHIP FUND, \$3000, established by the Class.
- THE CLASS OF 1878 SCHOLARSHIP FUND, \$3000, established by the Class.
- THE CLASS OF 1880 SCHOLARSHIP FUND, \$3000, established by the Class.
- THE REED SCHOLARSHIP FUND, \$2500, the bequest of Charles Thayer Reed of Boston, in memory of his son, Charles Thayer Reed, Jr.
- THE HAROLD ELY MORSE MEMORIAL SCHOLARSHIP FUND, \$2500, established by the family of Professor Anson D. Morse.
- THE CLASS OF 1877 SCHOLARSHIP FUND, \$2500, established by the Class.
- THE CHARLES MERRIAM SCHOLARSHIP FUND, \$2400, established by Charles Merriam of Springfield.
- THE CLASS OF 1860 SCHOLARSHIP FUND, \$2200, established by the Class.
- THE PERSIAN SCHOLARSHIP FUND, \$2000, the bequest of Rev. James L. Merrick of Amherst.
- THE QUINCY TUFTS SCHOLARSHIP FUND, \$2000, the bequest of Quincy Tufts of Boston.
- THE HENRY GRIDLEY CLASS OF 1862 SCHOLARSHIP FUND, \$2000, established by the Class in memory of their classmate whose name it bears.
- THE HENRY H. GOODELL CLASS OF 1862 SCHOLARSHIP FUND, \$2000, established by the Class in memory of their classmate whose name it bears.

THE BORDEN SCHOLARSHIP FUND, \$2000, the bequest of Samuel Augustus Borden of Boston.

THE ANDERSON SCHOLARSHIP FUND, \$2000, the bequest of Samuel Augustus Borden of Boston.

THE W. EUGENE KIMBALL SCHOLARSHIP FUND, \$2000, established by Robert J. Kimball of Brooklyn, N. Y.

THE MORSE SCHOLARSHIP FUND, \$2000, established by Charles L. Morse of the Class of 1901.

THE DRAPER SCHOLARSHIP FUND, \$2000, established by Warren F. Draper of the Class of 1847.

THE ALEXANDER H. BULLOCK SCHOLARSHIP FUND, \$1500, established by Alexander H. Bullock of the Class of 1836.

THE CLASS OF 1836 SCHOLARSHIP FUND, \$1500, established by the Class.

THE CLASS OF 1853 SCHOLARSHIP FUND, \$1500, established by the Class.

THE CLASS OF 1871 SCHOLARSHIP FUND, \$1500, established by the Class.

THE CLASS OF 1855 SCHOLARSHIP FUND, \$1100, established by the Class.

THE CLASS OF 1826 SCHOLARSHIP FUND, \$500, established by two members of the Class.

Scholarship funds of \$1000 each as follows:

THE LEVI RUSSELL SCHOLARSHIP FUND, established by Levi Russell of Hadley.

THE TUTTLE SCHOLARSHIP FUND, the bequest of Mrs. Sarah Tuttle of Wayland.

THE GEORGE COOK SCHOLARSHIP FUND, established by George Cook of the Class of 1841.

THE ENOS DICKINSON SCHOLARSHIP FUND, established by Enos Dickinson of Amherst.

THE JOHN C. NEWTON SCHOLARSHIP FUND, established by John C. Newton of Worcester.

THE JAMES H. NEWTON SCHOLARSHIP FUND, established by James H. Newton of Holyoke.

THE JOHNSON CLASS OF 1823 SCHOLARSHIP FUND, established by A. J. Johnson of New York City.

THE SOUTHWORTH CLASS OF 1822 SCHOLARSHIP FUND, established by Wells Southworth of New Haven, Connecticut.

THE JOSEPH CAREW SCHOLARSHIP FUND, established by Joseph Carew of South Hadley.

THE GREGORY CLASS OF 1850 SCHOLARSHIP FUND, established by Hon. James J. H. Gregory of Marblehead.

THE DOLLY COLEMAN BLAKE SCHOLARSHIP FUND, the bequest of Dolly Coleman Blake of Boston.

THE MILLER SCHOLARSHIP FUND, established by Mrs. S. P. Miller of Montclair, New Jersey, in memory of her son, J. C. B. Miller of the Class of 1869.

THE GREEN SCHOLARSHIP FUND, the bequest of Rev. Henry Solomon Green of the Class of 1834, as a memorial gift from himself and H. M. Green of the Class of 1865.

THE THOMAS HALE SCHOLARSHIP FUND, established by Mrs. Alice T. March of Newburyport.

THE MARY W. HYDE SCHOLARSHIP FUND, the bequest of Mary W. Hyde of Boston.

THE SARAH B. HYDE SCHOLARSHIP FUND, the bequest of Sarah B. Hyde of Boston.

THE W. S. TYLER CLASS OF 1830 SCHOLARSHIP FUND, the bequest of Professor William Seymour Tyler of Amherst.

THE CLASS SCHOLARSHIP FUND, established by and bearing the names, respectively, of:

| | | |
|-------------------|-------------------|-------------------|
| The Class of 1831 | The Class of 1852 | The Class of 1857 |
| The Class of 1839 | The Class of 1853 | The Class of 1861 |
| The Class of 1845 | The Class of 1855 | The Class of 1865 |
| The Class of 1849 | The Class of 1856 | The Class of 1869 |

THE COMPOSITE FUND, established jointly by the following classes:

| | | |
|-------------------|-------------------|-------------------|
| The Class of 1829 | The Class of 1838 | The Class of 1867 |
| The Class of 1835 | The Class of 1866 | The Class of 1870 |

THE EMILY B. RIPLEY SCHOLARSHIP FUND, the bequest of Emily B. Ripley of Royalston.

THE JOHN C. KIMBALL CLASS OF 1854 FUND, the bequest of John C. Kimball of Greenfield, Mass.

Funds yielding the following amounts annually:

THE STATE SCHOLARSHIPS, three, covering full tuition.

THE ADAMS SCHOLARSHIPS, three of \$40 each, the bequest of Asahel Adams of North Brookfield.

STUDENT LOAN FUND

Through the liberality of friends of the College, provision is made for loans of a limited amount to a few students in the later years of the course, at a low rate of interest, upon notes acceptably endorsed and payable one or two years after graduation. In accordance with the conditions imposed by the donors of the Loan Fund, its use is limited to students of thorough scholarship whose habits of expenditure are economical.

The committee on student loans meets weekly for the consideration of applications. Application blanks may be obtained at the Treasurer's office. It is the policy of the committee not to make any loan until at least one semester of the college course has been completed.

BUILDINGS AND GROUNDS

SITUATION

The town of Amherst lies in the Connecticut Valley about one hundred miles west of Boston, and almost the same distance north of New Haven, on the eastern border of the valley, some four miles from the river. The College stands on the top of a hill with an outlook over the town and the valley, westward to the distant Berkshire and Hampshire hills, southward to the Holyoke Range, eastward to the Pelham Hills, and northerly to Mount Toby and Sugar Loaf. From any building and from most points on the grounds there is a broad outlook over beautiful scenery. Most of the buildings are on the hill, grouped about the Campus. On the other side of Pleasant Street, the main thoroughfare of the town, are the Morgan Library, College Hall, and the President's House. About five minutes' walk from the Campus are the Observatory, Pratt Field, and Pratt Skating Rink. The Pratt Health Cottage is farther away, on the northern edge of the town.

BUILDINGS AND EQUIPMENT

The buildings about the Campus are the dormitories, library, laboratories, chapel, church, gymnasium, and the buildings used for class-rooms and administrative offices. Walker Hall, which is the focus of most of the paths on the grounds, contains the offices of the Dean, the Secretary, the Treasurer, and the Registrar, and many class-rooms. Barrett Hall has class-rooms for German and Romance languages; Williston Hall for Latin, Greek, and English. Other class-rooms are in the Chapel building, the Octagon, and the laboratory buildings.

The Converse Memorial Library is a new building, first opened for use at the beginning of this academic year. It has dignity and beauty, besides ample space and equipment for the convenience and comfort of all who use the library. The total book capacity is 300,000 volumes. The reading and periodical rooms will accommodate one hundred readers at a time. The Converse or browsing room is lined with open shelves among which the students may explore for themselves as they might in well-filled libraries in their own homes. The Clyde Fitch room is a replica of the dramatist's study as it was in his house in New York. Much space has been devoted to the Department rooms, of which there are eleven provided for such study, research, and seminar work as may best be done with the book collection close at hand. The book collection at present numbers about 115,000 volumes, freely available to students.

Fayerweather Laboratory houses the departments of physics and chemistry. In the south wing the Department of Physics has a large lecture room with apparatus room adjoining, library and reading room, recitation room, laboratories for elementary experimental work, for work in electricity and for research, a balance room, dark rooms for photographic and for general work, an optical room, and a spectroscopy room equipped with a concave grating spectroscopy. In the basement are battery rooms, a room for special researches, a workshop and dynamo room with steam and water power. In the north wing of the building, the Department of Chemistry has general lecture and recitation rooms, a library and reading room, laboratories for general, analytical, and organic chemistry, and also a complete equipment for water and gas analysis.

The biological and geological laboratories occupy a large new building on the south side of the Campus, com-

manding a wide and varied view which affords ready illustrations of many geological phenomena. Besides lecture and class-rooms, laboratories and work rooms, the building contains the museums of the two departments. In the biology museum are the Adams collection of shells, a part of Audubon's celebrated collection of birds, a synoptic collection of the animal kingdom, and a collection of fossil vertebrates. The geology museum has the Woods cabinet, which contains about twenty-five thousand specimens of minerals, including the general American and European collections, the State Survey collections of New Hampshire, Vermont, Massachusetts, and Connecticut, and the Shepard meteorite collection. In other rooms are shown the Hitchcock Ichnological collection of some twenty thousand tracks of animals in stone, and casts of living and extinct species. Appleton Cabinet contains the anthropological collection, the herbarium, and an unusually complete and interesting collection of Indian relics.

The Observatory has two domes, the larger of which, thirty-five feet in diameter, houses an eighteen-inch Clark telescope. The smaller has a seven and one-fourth inch refractor. The equipment comprises also an altazimuth, two transits with the usual accessories for meridian observations, and instruments for instruction in the theory and practice of navigation.

The Chapel and the College Church stand respectively on the west and the east borders of the Campus. Morning exercises are held in the Chapel on week-days, and regular Sunday services in the Church.

The Octagon is used exclusively by the Department of Music. It has rooms arranged for classes, practice, and chorus and orchestra rehearsal. A grand piano and an Aeolian orchestrelle are provided for use in classes, and by students for purposes of study.

North and South Colleges, and Morris Pratt Memorial Dormitory, are the college dormitories. The two former are two of the oldest, and the latter one of the newest, of the college buildings. All three buildings are heated by steam and lighted by electricity. Most of the rooms have open fire-places, and all have hardwood floors. Morris Pratt Memorial Dormitory is of fire-proof construction throughout, and has a large and beautiful resort room on the first floor. The dormitories have single rooms and suites consisting of a study and one or two bedrooms.

College Hall is a large, old-fashioned building, once the village church, now the main assembly hall of the College. It is used for the Commencement exercises, and for all the larger gatherings, such as student mass-meetings, and public lectures.

The Mather Art Museum occupies the third floor of Williston Hall, and the vestibule and stairway leading to it. It consists of plaster casts, principally of Egyptian, Mycenaean, Greek, and Roman sculpture, with a number of examples of Renaissance and later sculpture, both in relief and in the round. Further resources for the study of art are found in the library, and in some of the class-rooms. In addition to the catalogued books and photographs, there are in the vestibule of the Morgan Library building several Assyrian slabs, with inscriptions in cuneiform characters, which were obtained by the late Henry Lobdell, D.D., of the Class of 1849, from the walls of the palace of Assurnazirpal at Nimroud. The Latin and Greek rooms in Williston Hall have many casts in bronze and plaster, as well as collections of photographs, engravings, and stereopticon slides.

The Pratt Gymnasium contains, in the main building, a large hall with ample space and equipment of apparatus for general and specialized exercises, the offices of the Department of Physical Education, a fencing and wrestling

room, bowling alleys, a sparring room, and a baseball cage. A wing known as the Pratt Natatorium contains a swimming-pool seventy-five feet long and twenty-two feet wide, and large and small squash-racquet courts.

Hitchcock Memorial Field, of about forty acres, named in honor of Dr. Edward Hitchcock, '49, adjoins the Gymnasium. It has at present six tennis courts, two basketball courts, a board running track, a baseball diamond, and two soccer fields. When fully developed the field will accommodate at one time about three hundred men for different forms of exercise. About one sixth of the field has been developed, and the rest is being completed as fast as funds are forthcoming.

Pratt Field, given to the College by Frederic B. Pratt of the Class of 1887, has an area of about thirteen acres, and is used chiefly for intercollegiate games. It has a quarter-mile track and space for field contests, a baseball diamond, football grounds, and tennis courts. The grandstand seats about five hundred, and has dressing-rooms and shower-baths for contestants.

Pratt Skating Rink, given to the College by Charles M. Pratt of the Class of 1879, adjoins Pratt Field. It has an area of 200 x 115 feet for ice skating, and a bungalow equipped with heating apparatus and lockers.

Pratt Health Cottage is the college infirmary. It stands on high ground north of the College, commanding a wide view in every direction. Its space and equipment are sufficient for the accommodation and care of students temporarily disabled by accident or disease.

SUMMARY OF BUILDINGS

WITH THE NAMES OF THE DONORS AND DATES
OF ERECTION

SOUTH COLLEGE, built in 1820, restored in 1892.

JOHNSON CHAPEL, built in 1827, named in honor of the chief donor, Adam Johnson of Pelham.

NORTH COLLEGE, built in 1828, restored in 1893.

THE OCTAGON, built in 1847, and remodeled in 1909, formerly called LAWRENCE OBSERVATORY and WOODS CABINET, named in honor of the donors, Hon. Abbott Lawrence of Boston and Hon. Josiah B. Woods of Enfield.

HENRY T. MORGAN LIBRARY, built in 1853, and enlarged in 1883 with funds received from the estate of Henry T. Morgan of New York.

APPLETON CABINET, built in 1855 with funds received from the estate of Samuel Appleton of Boston.

WILLISTON HALL, built in 1857, named in honor of the donor, Hon. Samuel Williston of Easthampton.

BARRETT HALL, formerly Barrett Gymnasium, the first college gymnasium in the country, built in 1860, remodeled in 1907 with funds received from the estate of Edward A. Strong, '55, named in honor of the chief donor, Dr. Benjamin Barrett of Northampton.

COLLEGE HALL, purchased by the College in 1867, remodeled in 1905 by the Class of 1884.

WALKER HALL, built in 1868, rebuilt in 1882, named in honor of the original donor, Dr. William J. Walker of Providence.

COLLEGE CHURCH, built in 1870, given by William F. Stearns of Boston.

PRATT GYMNASIUM, built in 1884, named in honor of the principal donor, Charles M. Pratt, '79. In the gymnasium are the natatorium, the gift of Harold I. Pratt, '00, and squash-racquet courts, the gift of Mortimer L. Schiff, '96.

FAYERWEATHER LABORATORIES, built in 1893 with funds received from the estate of Daniel B. Fayerweather of New York.

PRATT HEALTH COTTAGE, built in 1897, named in honor of the donors, George D. Pratt, '93, Herbert L. Pratt, '95, and John T. Pratt, '96.

THE OBSERVATORY, built in 1904.

BIOLOGICAL AND GEOLOGICAL LABORATORIES, built in 1909.

MORRIS PRATT MEMORIAL DORMITORY, built in 1912 by Mr. and Mrs. Charles M. Pratt as a memorial to their son, Morris Pratt.

CONVERSE MEMORIAL LIBRARY, built in 1917 by Edmund Cogswell Converse as a memorial to his brother, James Blanchard Converse.

PUBLICATIONS

The annual catalogue is sent to all the alumni of the College, to all schools from which students are received, and to any who ask for it.

An address list of living alumni is issued once in two years.

A general catalogue of the Officers of Government and Instruction and of the Alumni and Honorary Graduates is issued quinquennially.

A record of graduates deceased during the year is issued annually in Commencement week.

STUDENT PUBLICATIONS

A *Handbook*, published and distributed annually by the Christian Association, contains information chiefly useful to new students.

A semi-weekly paper, *The Amherst Student*, containing college news, accounts of games, notices of alumni, and discussion of college affairs, is issued by an editorial board of students.

The Amherst Monthly, conducted by students, contains articles, essays, poems, stories, and book notices.

The Olio, published annually by the Junior class, contains names of the members of fraternities, of officers and members of athletic, musical, literary, and dramatic organizations, of students receiving prizes and honors, and various matters of interest to the College.

ALUMNI PUBLICATIONS

The *Amherst Graduates' Quarterly* is published in November, February, May, and August. It contains articles of

educational value, news of the alumni, accounts of undergraduate activities, reviews of books, and various matters of interest to alumni. Communications for the Editors should be addressed to Prof. John F. Genung, Amherst, Mass. All business communications and subscriptions should be sent to *Amherst Graduates' Quarterly*, Amherst, Mass.

ENROLLMENT

GRADUATE STUDENTS

| | |
|--------------------------------|-------------------------------------|
| Buchanan, Scott Milross, B.A. | 5 School Street |
| Craig, David Rankin, Jr., B.A. | 112 Morris Pratt Memorial Dormitory |
| Fisher, Robert Miller, B.A. | 112 Morris Pratt Memorial Dormitory |

SENIOR CLASS

| | | |
|---------------------------------|-------------------------------------|---------------------|
| Anderson, Merrill | <i>Exeter, N. H.</i> | Ψ T House |
| Beach, William Howard | <i>Rochester, N. Y.</i> | X Ψ Lodge |
| Bednarski, Roger Edward | <i>South Deerfield, Mass.</i> | Φ K Ψ House |
| Bemis, Raymond Guilford | <i>Brookline, Mass.</i> | A Δ Φ House |
| Bennet, Augustus Witschief | <i>New York, N. Y.</i> | Ψ T House |
| Benneyan, George | <i>White Plains, N. Y.</i> | |
| | 102 Morris Pratt Memorial Dormitory | |
| Blair, Roy Richardson | <i>Amherst, Mass.</i> | X Φ House |
| Bratt, Charles Henry | <i>Grand Rapids, Mich.</i> | Δ T House |
| Chase, Paul Addison | <i>Brattleboro, Vt.</i> | X Φ House |
| Cornell, George Washington, Jr. | <i>Brooklyn, N. Y.</i> | |
| | 301 Morris Pratt Memorial Dormitory | |
| Cross, Gorham Lamont | <i>Utica, N. Y.</i> | A Δ Φ House |
| Eilert, John Kohler | <i>New York, N. Y.</i> | Ψ T House |
| Estey, Jacob Poor | <i>Brattleboro, Vt.</i> | X Φ House |
| Garrett, John Bertram | <i>Boston, Mass.</i> | C South College |
| Godwin, Richard Kenneth | <i>Amherst, Mass.</i> | Δ T House |
| Goodrich, Carter Lyman | <i>Wellesley, Mass.</i> | B Θ II House |
| Greene, Theodore Meyer | <i>Oberlin, Ohio</i> | Δ T House |
| Hall, Merwin Porter | <i>Brookline, Mass.</i> | X Ψ Lodge |
| Harris, Alvin Emerson | <i>Shelburne Falls, Mass.</i> | K Θ House |
| Houghton, Augustus Sherrill | <i>Tarrytown, N. Y.</i> | Chemical Laboratory |
| Johnson, Harold F. | <i>New York, N. Y.</i> | X Ψ Lodge |
| Jones, Harold Ellis | <i>New Canaan, Conn.</i> | Pleasant Street |
| Kelsey, Robert Pratt | <i>Newton Center, Mass.</i> | X Φ House |
| Ladd, Henry Andrews | <i>Portland, Ore.</i> | A Δ Φ House |
| Little, Henry, Jr. | <i>Springfield, Mo.</i> | Φ Δ Θ House |
| McGarrahan, Francis Carlisle | <i>Malone, N. Y.</i> | B Θ II House |
| Mathews, Frederic | <i>White Plains, N. Y.</i> | Δ T House |

| | | |
|------------------------------|--------------------------------|---------------|
| Meiklejohn, James Stuart | <i>Pawtucket, R. I.</i> | Α Δ Φ House |
| Michener, William Henry | <i>Waynesville, Ohio</i> | K Θ House |
| Morehouse, Edward Ward | <i>Springfield, Mass.</i> | Α Δ Φ House |
| Myers, Ralph Willard | <i>Hyde Park, N. Y.</i> | Φ Δ Θ House |
| Norton, Algernon Sidney, Jr. | <i>New York, N. Y.</i> | X Φ House |
| Parkhurst, Morrill Holden | <i>Amherst, Mass.</i> | 10 Maple Ave. |
| Peabody, Walter Richardson | <i>Providence, R. I.</i> | Δ T House |
| Quill, John Henry | <i>North Brookfield, Mass.</i> | Σ Δ P House |
| Saunders, Allan Frederic | <i>Amherst, Mass.</i> | Α Δ Φ House |
| Sharp, Malcolm Pitman | <i>Madison, Wis.</i> | Α Δ Φ House |
| Soare, Irving Walker | <i>Hackensack, N. J.</i> | X Ψ Lodge |
| Stimson, Horace Pottle | <i>Northampton, Mass.</i> | Θ Δ X House |
| Stitt, William Britton | <i>New York, N. Y.</i> | Θ Δ X House |
| Tooker, Winfred Clyde | <i>Riverhead, N. Y.</i> | Θ Δ X House |
| Traver, Clarence Hoffman | <i>Red Hook, N. Y.</i> | Α Δ Φ House |
| Van Dyck, Rawdon Myers | <i>New York, N. Y.</i> | Θ Δ X House |
| Warren, James Carey | <i>New Haven, Conn.</i> | Α Δ Φ House |
| Wheeler, Harry Fairchild | <i>Ocean Grove, N. J.</i> | Φ K Ψ House |
| White, Owen Sheppard | <i>New York, N. Y.</i> | Δ T House |
| Yerrall, William Wood | <i>Springfield, Mass.</i> | X Φ House |
| Youtz, Philip Newell | <i>Auburn, N. Y.</i> | Δ T House |

JUNIOR CLASS

131

JUNIOR CLASS

| | | |
|--------------------------------|--------------------------------|------------------|
| Bailey, Franklin Fifield | <i>Montpelier, Vt.</i> | Δ K E House |
| Banfield, Arthur Fiske | <i>Austin, Minn.</i> | Φ K Ψ House |
| Bayer, Walter VanDyk | <i>Brooklyn, N. Y.</i> | B Θ Π House |
| Belknap, Walter Kerr | <i>Newburgh, N. Y.</i> | X Ψ Lodge |
| Bodenhorn, Aaron | <i>Cleveland, Ohio</i> | Ψ T House |
| Bowman, Morris Lester | <i>Jamestown, N. Y.</i> | X Φ House |
| Boynton, Oliver Griswold | <i>Bristol, R. I.</i> | Ψ T House |
| Brinkerhoff, Robert Joris | <i>West Springfield, Mass.</i> | Δ K E House |
| Brown, Arthur Frank | <i>New Haven, Conn.</i> | X Ψ Lodge |
| Brown, Hermon Duane, Jr. | <i>Sioux City, Iowa</i> | Ψ T House |
| Brown, John Knox Archibald | <i>Whitinsville, Mass.</i> | K Θ House |
| Brunt, William Lester | <i>South Hadley, Mass.</i> | K Θ House |
| Caulkins, Robert Sharp | <i>Cleveland, Ohio</i> | B Θ Π House |
| Colton, Raymond Morse | <i>Springfield, Mass.</i> | 13 Spring Street |
| Cummings, William Barton | <i>Thorndike, Mass.</i> | Δ K E House |
| Darling, Thurston Vail | <i>Canandaigua, N. Y.</i> | Δ K E House |
| Davis, Robert Johnston | <i>Upper Montclair, N. J.</i> | Ψ T House |
| Donahue, Joseph Florence | <i>Lynn, Mass.</i> | Δ K E House |
| Edee, Allen Barnett, Jr. | <i>Pawnee City, Neb.</i> | B Θ Π House |
| Emery, William Harrison, Jr. | <i>Bradford, Pa.</i> | Δ K E House |
| Forbes, Allyn Bailey | <i>Taunton, Mass.</i> | A Δ Φ House |
| Gerarden, Karl Eugene | <i>Denver, Colo.</i> | Φ Δ Θ House |
| Gibson, John Graham, 2d | <i>Utica, N. Y.</i> | A Δ Φ House |
| Gillies, William Raymond | <i>Nyack, N. Y.</i> | Ψ T House |
| Golomb, Elhanan Hirsh | <i>Northampton, Mass.</i> | |
| Goodwin, Clarence Babcock | <i>Pittsfield, Mass.</i> | Δ K E House |
| Hallock, Leavitt Duane | <i>Cleveland, Ohio</i> | Ψ T House |
| Hendrickson, Edmond Hurd | <i>Haworth, N. J.</i> | X Ψ Lodge |
| Howard, John Gough | <i>Rochester, N. Y.</i> | Δ K E House |
| Johnston, Robert Morrison, Jr. | <i>Brooklyn, N. Y.</i> | Θ Δ X House |
| Kambour, Edward Basil | <i>Charlemont, Mass.</i> | Σ Δ P House |
| Kiley, Marcus Philip | <i>Northampton, Mass.</i> | Φ Γ Δ House |
| Kimball, Parker Barton | <i>Orange, Mass.</i> | Δ K E House |
| Kinney, Wesley Alger | <i>Cortland, N. Y.</i> | X Φ House |
| LeBrun, Pierre Napoleon | <i>Montclair, N. J.</i> | A Δ Φ House |
| Macfarlane, Noble Thomson | <i>Albany, N. Y.</i> | Δ K E House |
| Manwell, Reginald Dickinson | <i>Austinburg, Ohio</i> | K Θ House |

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| Marks, Warren Leonard | <i>New York, N. Y.</i> | |
| | 302 Morris Pratt Memorial Dormitory | |
| Moore, Leonard Page | <i>E. Orange, N. J.</i> | |
| | 301 Morris Pratt Memorial Dormitory | |
| Morse, Bradbury Bedell | <i>Denver, Colo.</i> | Ψ T House |
| Mutschler, Ernest | <i>Brooklyn, N. Y.</i> | Σ Δ P House |
| Patton, Carl Harrison | <i>Columbus, Ohio</i> | Ψ T House |
| Pitré, Thomas Palm | <i>Seymour, Conn.</i> | Δ T House |
| Porter, Charles Scott | <i>Northampton, Mass.</i> | Δ T House |
| Rizzi, Pierre Paul | <i>New York, N. Y.</i> | |
| | 406 Morris Pratt Memorial Dormitory | |
| Seward, Halvor Richardson | <i>Brooklyn, N. Y.</i> | X Φ House |
| Sheldon, Roy Van Auken | <i>Webster Groves, Mo.</i> | A Δ Φ Annex |
| Shepro, Harry | <i>Holyoke, Mass.</i> | 19 South College |
| Smith, Elmer Gillam | <i>Port Jefferson, N. Y.</i> | Θ Δ X House |
| Soliday, David Shriver | <i>Hanover, Pa.</i> | Ψ T House |
| Southworth, Theodore | <i>Westwood, N. J.</i> | X Ψ Lodge |
| Stacy, Philip Huntley | <i>South Hadley, Mass.</i> | X Φ House |
| Staples, Henry Barrett | <i>Buffalo, N. Y.</i> | Δ T House |
| Starkey, Rodney Fielding | <i>Brooklyn, N. Y.</i> | A Δ Φ House |
| Tilton, Thomas Appleton | <i>Newton Center, Mass.</i> | X Φ House |
| Tsaou, Lee Ming | <i>Li-yang, Kiang-soo, China</i> | |
| | 1 Woodside Avenue | |
| VanSant, Rufus Campbell | <i>Ashland, Ky.</i> | B Θ Π House |
| Vermilya, Howard Park | <i>Hartsdale, N. Y.</i> | A Δ Φ House |
| Virden, Emerson Hart | <i>New York, N. Y.</i> | Σ Δ P House |
| Vogelius, Joseph Francis, Jr. | <i>Bloomfield, N. J.</i> | Δ T House |
| Wessel, Herman Marluk | <i>Port Norris, N. J.</i> | |
| | 406 Morris Pratt Memorial Dormitory | |

SOPHOMORE CLASS

| | | |
|------------------------|---------------------------|-----------------|
| Allen, Walton Clay | <i>Clifton, N. J.</i> | Gymnasium |
| Allison, William Kelby | <i>Brooklyn, N. Y.</i> | Φ Κ Ψ House |
| Andrews, Hugh March | <i>Ossipee, N. H.</i> | 15 Amity Street |
| Anthony, Ralph Sayles | <i>Providence, R. I.</i> | Φ Δ Θ House |
| Bartlett, Alden Martin | <i>Holliston, Mass.</i> | Κ Θ House |
| Barton, Paul Beach | <i>New Milford, Conn.</i> | Φ Γ Δ House |
| Bassett, Howard Murray | <i>Brooklyn, N. Y.</i> | Δ Τ House |
| Beckhard, Arthur James | <i>New York, N. Y.</i> | |

311 Morris Pratt Memorial Dormitory

| | | |
|------------------------------------|--------------------------------|-----------------|
| Beebe, Ralph Alonzo | <i>Monson, Mass.</i> | Φ Κ Ψ House |
| Bell, John Merville | <i>Oneonta, N. Y.</i> | Φ Γ Δ House |
| Bliss, Daniel | <i>Beirut, Syria</i> | Α Δ Φ House |
| Bouvé, Kenneth Moore | <i>Newton Highlands, Mass.</i> | Δ Κ Ε House |
| Brown, Walter Barrett, Jr. | <i>Brooklyn, N. Y.</i> | Δ Τ House |
| Buell, Theodore Lincoln | <i>Wellesley Hills, Mass.</i> | Β Θ Π House |
| Carley, Edward Albert | <i>Brooklyn, N. Y.</i> | Θ Δ Χ House |
| Cartwright, Clarence Clermont, Jr. | <i>Shelter Island, N. Y.</i> | Κ Θ House |
| Clark, Edward Orlow, Jr. | <i>Winchester, Mass.</i> | Β Θ Π House |
| Clarke, George Varnum Davis | <i>Hyde Park, Mass.</i> | Θ Δ Χ House |
| Clay, John Harris | <i>Paris, Ky.</i> | Α Δ Φ Annex |
| Cloyd, A. David | <i>Omaha, Nebr.</i> | Ψ Τ House |
| Cobb, George Donald | <i>Watertown, N. Y.</i> | Χ Φ House |
| Cooke, Francis Trowbridge | <i>Brooklyn, N. Y.</i> | Δ Κ Ε House |
| Copeland, Winslow Trowbridge | <i>Northampton, Mass.</i> | Δ Τ House |
| Corson, Frederic Wingate | <i>Newtonville, Mass.</i> | 15 Amity Street |
| Cowles, William Munson | <i>Amherst, Mass.</i> | Α Δ Φ House |
| Crabbe, Floyd Foster | <i>East Orange, N. J.</i> | |

204 Morris Pratt Memorial Dormitory

| | | |
|-----------------------------|--------------------------------|-------------|
| Crawford, James Davidson | <i>New Castle, Pa.</i> | Δ Τ House |
| Cushman, Rufus Packard, Jr. | <i>Monson, Mass.</i> | Β Θ Π House |
| Darling, Millard Stacy | <i>Lowell, Mass.</i> | Φ Γ Δ House |
| Davidson, Frank Forest, Jr. | <i>Auburndale, Mass.</i> | Α Δ Φ Annex |
| Davison, Alvah Edmund | <i>Brooklyn, N. Y.</i> | Δ Κ Ε House |
| Demarest, Arthur Kenneth | <i>Bloomfield, N. J.</i> | Χ Φ House |
| Diechmann, Gustav Henry | <i>William New York, N. Y.</i> | Φ Δ Θ House |
| Duff, Alexander | <i>West Roxbury, Nass.</i> | Φ Δ Θ House |
| Dumm, Paul Jamison | <i>Plymouth, N. H.</i> | Σ Δ Ρ House |
| Eckles, Robert Arthur | <i>New Castle, Pa.</i> | Δ Τ House |

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|-----------------------------|-------------------------------------|----------------------|
| Fairbank, Robert Winthrop | <i>Morristown, N. J.</i> | K Θ House |
| Farwell, William Henry | <i>Montpelier, Vt.</i> | Δ K E House |
| Fenno, Richard Francis | <i>Winchester, Mass.</i> | X Φ House |
| Field, Leonard Hamilton, 3d | <i>Jackson, Mich.</i> | |
| | 303 Morris Pratt Memorial Dormitory | |
| Fisher, Ernest Leon | <i>Dayton, Ohio</i> | Δ T House |
| Freeman, Benjamin | <i>Paterson, N. J.</i> | Chemistry Laboratory |
| French, Robert Calvin | <i>Winter Park, Fla.</i> | Φ K Ψ House |
| Godwin, Willard Lesley | <i>Amherst, Mass.</i> | Δ T House |
| Greene, Frederick Standish | <i>Middletown, Conn.</i> | A Δ Φ House |
| Greenland, Paavo | <i>White Plains, N. Y.</i> | |
| | 212 Morris Pratt Memorial Dormitory | |
| Griswold, Stanley Marcus | <i>Uxbridge, Mass.</i> | Δ T House |
| Hadley, Francis Ernest, Jr. | <i>New York, N. Y.</i> | Δ K E House |
| Hanselmann, John Joseph | <i>Montclair, N. J.</i> | |
| | 108 Morris Pratt Memorial Dormitory | |
| Haskell, George Dwight | <i>Brooklyn, N. Y.</i> | A Δ Φ House |
| Hildebrandt, Burton Edwards | <i>Peoria, Ill.</i> | Δ K E House |
| Holmes, Joshua Miskey, Jr. | <i>Philadelphia, Pa.</i> | Δ K E House |
| Jenkins, Perry Bissell | <i>Collinsville, Conn.</i> | Φ K Ψ House |
| Johnson, Thomas Hope | <i>Syracuse, N. Y.</i> | Δ T House |
| Judge, Gerald Anthony | <i>S. Hadley Falls, Mass.</i> | Σ Δ P House |
| Kaiser, Harold | <i>Rochester, N. Y.</i> | 8 Spring Street |
| Karp, Joseph | <i>Springfield, Mass.</i> | 3 Northampton Road |
| Keeney, Robert Morgan | <i>New London, Conn.</i> | Θ Δ X House |
| Kennedy, Henry Bushby | <i>Cortland, N. Y.</i> | Δ K E House |
| Kilby, John VanEtten | <i>Nyack, N. Y.</i> | Ψ T House |
| Kuesel, Frederick Howard | <i>Brooklyn, N. Y.</i> | Φ K Ψ House |
| Larkin, Clarence James | <i>Haydenville, Mass.</i> | Θ Δ X House |
| Lorimer, Linus James | <i>Newport, Vt.</i> | Φ Γ Δ House |
| Low, Kenneth Brooks | <i>Brooklyn, N. Y.</i> | X Ψ Lodge |
| Lowther, Charles Rader | <i>New York, N. Y.</i> | Φ Δ Θ House |
| Lyman, Frederic Alpheus | <i>Syracuse, N. Y.</i> | X Φ House |
| McCandless, Thomas Harris | <i>Bellevue, Pa.</i> | Δ K E House |
| McKinstry, Edward Lawyer | <i>Watertown, N. Y.</i> | X Φ House |
| McNamara, Frank Gilbert | <i>Newton, Mass.</i> | Ψ T House |
| Maloney, William James | <i>Northampton, Mass.</i> | |
| March, Joseph Moncure | <i>New York, N. Y.</i> | Δ K E House |
| Maynard, Richard Wheeler | <i>Greenfield, Mass.</i> | Gymnasium |
| Meiklejohn, John Ronald | <i>Pawtucket, R. I.</i> | A Δ Φ House |
| Montague, Wallace R., Jr. | <i>LaCrosse, Wis.</i> | Θ Δ X House |

| | | |
|-------------------------|---------------------------|--------------------|
| Moran, George Upham | <i>W. Lafayette, Ind.</i> | B Θ Π House |
| Mossman, Alexander Hyde | <i>Brookline, Mass.</i> | Δ Δ Φ House |
| Nash, Clifford Roberts | <i>Amherst, Mass.</i> | 67 Pleasant Street |
| Nichols, Edgar | <i>St. Louis, Mo.</i> | X Φ House |
| Norris, Charles Myron | <i>Westhampton, Mass.</i> | K Θ House |
| Odeil, Leland Lamb | <i>Cayuga, N. Y.</i> | |

204 Morris Pratt Memorial Dormitory

| | | |
|------------------------------|----------------------------|------------------|
| Olsen, Norman | <i>Providence, R. I.</i> | Δ Δ Φ House |
| Otis, Delos Sackett | <i>Watertown, N. Y.</i> | Δ Δ Φ House |
| Parker, Frederick Allen | <i>Washington, D. C.</i> | 17 South College |
| Parker, Raeburn Hughes | <i>New Brighton, N. Y.</i> | Δ Δ Φ House |
| Perry, Donald Irving | <i>Newbury, Mass.</i> | Ψ Τ House |
| Phillips, Paul Koehler | <i>Amherst, Mass.</i> | Θ Δ X House |
| Rauschenbusch, Paul Augustus | <i>Rochester, N. Y.</i> | Δ Δ Φ House |
| Reed, Charles Carlton | <i>Waterloo, Ia.</i> | Φ Δ Θ House |
| Reusswig, Ernst Norton | <i>Utica, N. Y.</i> | Φ Δ Θ House |
| Rowe, Julian Frederick | <i>Brooklyn, N. Y.</i> | Δ Τ House |
| Russell, William Tallman | <i>Wellesley, Mass.</i> | |

412 Morris Pratt Memorial Dormitory

| | | |
|-----------------------------|------------------------------|-------------|
| Savoy, George Prew | <i>Holyoke, Mass.</i> | Φ K Ψ House |
| Schellenger, Edward Markley | <i>Huntington Mills, Pa.</i> | Ψ Τ House |
| Sisson, Arthur Clark | <i>Edgewood, R. I.</i> | Θ Δ X House |
| Skeel, John Stockwell | <i>Cleveland, Ohio</i> | |

110 Morris Pratt Memorial Dormitory

| | | |
|----------------------------|------------------------------|-------------|
| Smith, Eastburn Richey | <i>Brooklyn, N. Y.</i> | X Ψ Lodge |
| Sprague, Atherton Hall | <i>Northampton, Mass.</i> | Δ Τ House |
| Thompson, Alexander Grieve | <i>Canandaigua, N. Y.</i> | Δ K E House |
| Thompson, Porter Wentworth | <i>East Braintree, Mass.</i> | X Φ House |
| Thorp, Willard Long | <i>Duluth, Minn.</i> | X Φ House |
| Tilley, Lawrence Edward | <i>Providence, R. I.</i> | K Θ House |
| Tooker, Vail Gibney | <i>Port Jefferson, N. Y.</i> | Θ Δ X House |
| Townsend, Wilmot Charles | <i>New Brighton, N. Y.</i> | Θ Δ X House |
| Tuttle, Edward Gerry, Jr. | <i>New York, N. Y.</i> | Δ K E House |
| Uchida, Brow Robert | <i>Brattleboro, Vt.</i> | |

407 Morris Pratt Memorial Dormitory

| | | |
|-----------------------|----------------------------|------------------------|
| Voigt, William Louis | <i>Morristown, N. J.</i> | K Θ House |
| Walsh, John Sylvester | <i>Sunderland, Mass.</i> | Φ K Ψ House |
| Weber, Fritz Carl | <i>White Plains, N. Y.</i> | Gymnasium |
| West, Calvin Sherwood | <i>Jamesville, N. Y.</i> | X Ψ Lodge |
| White, Carter | <i>Salem, Mass.</i> | Δ K E House |
| Whitman, Barrett | <i>New York, N. Y.</i> | 15 So. Prospect Street |

| | | |
|----------------------------|-------------------------------------|-------------|
| Whittemore, George Stanley | <i>Worcester, Mass.</i> | Φ Γ Δ House |
| Wilbar, Charles Baker | <i>Taunton, Mass.</i> | Β Θ Π House |
| Wilcox, Robert Carroll | <i>Grand Rapids, Mich.</i> | Φ Δ Θ House |
| Wolff, Herbert Emanuel | <i>New York, N. Y.</i> | |
| | 205 Morris Pratt Memorial Dormitory | |
| Wood, Roland Armstrong | <i>Brooklyn, N. Y.</i> | Χ Φ House |
| Wright, Edward Barhyte | <i>Cleveland, Ohio</i> | Ψ Τ House |
| Zeller, Hubert Raymond | <i>Stonington, Conn.</i> | Φ Γ Δ House |

FRESHMAN CLASS

| | | |
|----------------------------|-------------------------------------|--------------------|
| Atkinson, Frank Carroll | <i>Amherst, Mass.</i> | 6 Snell Street |
| Bailey, Carroll Capen | <i>Fitchburg, Mass.</i> | 10 South College |
| Barnes, Robert Percy | <i>Washington, D. C.</i> | 17 South College |
| Bass, James Gordon | <i>New York, N. Y.</i> | |
| | 305 Morris Pratt Memorial Dormitory | |
| Beardslee, Martin Buell | <i>Springfield, Vt.</i> | 15 South College |
| Bell, Jesse Greer | <i>Chicago, Ill.</i> | 16 South College |
| Bixby, Ralph Foster | <i>St. Louis, Mo.</i> | |
| | 408 Morris Pratt Memorial Dormitory | |
| Black, Arthur Proctor | <i>Oskaloosa, Iowa</i> | 3 Northampton Road |
| Black, Robert Lovell | <i>Oskaloosa, Iowa</i> | 3 Northampton Road |
| Black, Spencer Blymyer | <i>Mansfield, Ohio</i> | |
| | 103 Pratt Memorial Dormitory | |
| Blanton, Forest Williams | <i>Rochester, N. Y.</i> | 21 South College |
| Born, George Donald | <i>Brooklyn, N. Y.</i> | 29 South College |
| Brickett, Allan Eastman | <i>Lynn, Mass.</i> | 16 South College |
| Brisk, Phillip | <i>Gardiner, Me.</i> | 2 South College |
| Brooks, Frederick Edward | <i>Evanston, Ill.</i> | 1 South College |
| Brough, Hazen Winthrop | <i>Hackensack, N. J.</i> | 8 South College |
| Brown, Harold Foster | <i>Newton Lower Falls, Mass.</i> | |
| | | 23 South College |
| Case, Harry Whitehead | <i>Tariffville, Conn.</i> | |
| | 401 Morris Pratt Memorial Dormitory | |
| Church, Bradford LeBaron | <i>Taunton, Mass.</i> | |
| | 405 Morris Pratt Memorial Dormitory | |
| Clark, Remington Alonzo | <i>Winchester, Mass.</i> | |
| | 405 Morris Pratt Memorial Dormitory | |
| Clark, William Smith | <i>Cambridge, Mass.</i> | |
| | 211 Morris Pratt Memorial Dormitory | |
| Cody, Edward Morrill | <i>Lake Bluff, Ill.</i> | |
| | 109 Morris Pratt Memorial Dormitory | |
| Cooke, Stuart Pullman West | <i>Providence, R. I.</i> | |
| | 401 Morris Pratt Memorial Dormitory | |
| Cooley, Edward Erickson | <i>Amherst, Mass.</i> | 27 South College |
| Copeland, Arthur Herbert | <i>Rochester, N. Y.</i> | 21 South College |
| Costales, Clarence Emilio | <i>Mt. Vernon, N. Y.</i> | B South College |
| Cowles, Dennison Brackett | <i>Brattleboro, Vt.</i> | |
| | 101 Morris Pratt Memorial Dormitory | |

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|----------------------------|-------------------------------------|------------------|
| Craig, Kenneth | <i>Boston, Mass.</i> | A Δ Φ Annex |
| Cusick, James Francis | <i>Gardiner, Me.</i> | 2 South College |
| Esty, Lucien Coy | <i>Bethlehem, Pa.</i> | |
| | 305 Morris Pratt Memorial Dormitory | |
| Ethier, Thomas Anthony | <i>Brooklyn, N. Y.</i> | 29 South College |
| Eveleth, Noah Saxton | <i>Windsor Locks, Conn.</i> | |
| | 210 Morris Pratt Memorial Dormitory | |
| Fischer, William Waugh | <i>Erie, Pa.</i> | |
| | 101 Morris Pratt Memorial Dormitory | |
| Flood, Everett David | <i>Palmer, Mass.</i> | |
| | 304 Morris Pratt Memorial Dormitory | |
| Foster, William James, Jr. | <i>Schenectady, N. Y.</i> | |
| | 201 Morris Pratt Memorial Dormitory | |
| French, Justin Dimick | <i>Portsmouth, N. H.</i> | |
| | 312 Morris Pratt Memorial Dormitory | |
| French, Stuart Ross | <i>Lake Forest, Ill.</i> | |
| | 109 Morris Pratt Memorial Dormitory | |
| Friel, Leon Cyril | <i>Easthampton, Mass.</i> | |
| | 3 Northampton Road | |
| Gilliam, Lewis Gordon | <i>Richmond Hill, N. Y.</i> | Φ Γ Δ House |
| Graham, Haldane Carson | <i>Ridgewood, N. J.</i> | |
| | 206 Morris Pratt Memorial Dormitory | |
| Greer, Thomas Henry, Jr. | <i>Butler, Pa.</i> | 4 South College |
| Guild, William Everhard | <i>Scarsdale, N. Y.</i> | |
| | 408 Morris Pratt Memorial Dormitory | |
| Hadley, Wilfred Brotherton | <i>New York, N. Y.</i> | 8 Spring Street |
| Hall, George Phillips | <i>Brookline, Mass.</i> | |
| | 307 Morris Pratt Memorial Dormitory | |
| Harmon, Edwin Willard | <i>Brooklyn, N. Y.</i> | |
| | 304 Morris Pratt Memorial Dormitory | |
| Hasbrouck, Louis | <i>Amherst, Mass.</i> | |
| | 130 North Pleasant Street | |
| Hatch, David Phillips, Jr. | <i>Lancaster, Mass.</i> | A South College |
| Hatheway, Curtis Rose, Jr. | <i>Litchfield, Conn.</i> | 15 Amity Street |
| Heard, Carlton Farrar | <i>Manchester, N. H.</i> | |
| | 208 Morris Pratt Memorial Dormitory | |
| Higbee, Donald Mestrezat | <i>Connellsville, Pa.</i> | |
| | 409 Morris Pratt Memorial Dormitory | |
| Hooker, Edward Wight | <i>Waupun, Wis.</i> | |
| | 207 Morris Pratt Memorial Dormitory | |
| Hooper, Claude Ernest | <i>Willimansett, Mass.</i> | 8 South College |

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|------------------------------|-------------------------------------|------------------|
| Howland, Barnard | <i>Detroit, Mich.</i> | |
| | 209 Morris Pratt Memorial Dormitory | |
| Johns, Charles Hill | <i>Chickasha, Okla.</i> | |
| | 306 Morris Pratt Memorial Dormitory | |
| Johnson, Walter Woodbury | <i>Malden, Mass.</i> | 2 South College |
| Jones, Daniel Westervelt | <i>Haworth, N. J.</i> | X Φ House |
| Kauffmann, Harry Disston | <i>New York, N. Y.</i> | 13 South College |
| Kautzenbach, George Johannes | <i>Amherst, Mass.</i> | |
| | 206 Morris Pratt Memorial Dormitory | |
| King, George Whipple, Jr. | <i>Holyoke, Mass.</i> | 5 South College |
| Kissam, William Allen | <i>Great Neck, N. Y.</i> | 8 South College |
| Langdon, Roy Wakefield | <i>Homer, N. Y.</i> | 1 College Avenue |
| Lee, Franklin Pevey | <i>Oak Park, Ill.</i> | |
| | 105 Morris Pratt Memorial Dormitory | |
| Loomis, Charles Wilson, Jr. | <i>Leominster, Mass.</i> | 10 South College |
| Lumb, Charles Lovejoy | <i>Poughkeepsie, N. Y.</i> | |
| | 404 Morris Pratt Memorial Dormitory | |
| McCullough, Alfred Atkins | <i>Ashland, Ky.</i> | |
| | 308 Morris Pratt Memorial Dormitory | |
| Mackenzie, Kenneth Ray | <i>North Tonawanda, N. Y.</i> | |
| | 308 Morris Pratt Memorial Dormitory | |
| McManama, Alfred Joseph | <i>Waltham, Mass.</i> | |
| | 409 Morris Pratt Memorial Dormitory | |
| Mallon, Walter Barry | <i>Malone, N. Y.</i> | Ψ T House |
| Marker, Clifford Harry | <i>Ligonier, Pa.</i> | |
| | 306 Morris Pratt Memorial Dormitory | |
| Merrick, James Harold | <i>Wilbraham, Mass.</i> | 6 South College |
| Metcalf, Robert Kimball | <i>Winchester, Mass.</i> | 14 South College |
| Michelsen, Rolf Thompson | <i>Brooklyn, N. Y.</i> | |
| | 312 Morris Pratt Memorial Dormitory | |
| Mitchelson, Joseph Ariel | <i>Tariffville, Conn.</i> | |
| | 201 Morris Pratt Memorial Dormitory | |
| Moran, Thomas Francis, Jr. | <i>West Lafayette, Ind.</i> | 9 South College |
| Nelson, Clarence Edward | <i>Seattle, Wash.</i> | 15 Amity Street |
| Nichols, John Crampton | <i>Hartford, Conn.</i> | |
| | 309 Morris Pratt Memorial Dormitory | |
| Norman, John Amos | <i>Brooklyn, N. Y.</i> | |
| | 411 Morris Pratt Memorial Dormitory | |
| O'Meara, Stanley Richard | <i>Seymour, Conn.</i> | 15 Amity Street |
| Owen, Harold Holmes | <i>Concord, N. H.</i> | 26 South College |

| | | |
|-------------------------------|---------------------------------------|--------------------|
| Palmer, Waldo Emerson | <i>Poughkeepsie, N. Y.</i> | |
| | 404 Morris Pratt Memorial Dormitory | |
| Parsons, Edward Smith, Jr. | <i>Colorado Springs, Colo.</i> | |
| | 307 Morris Pratt Memorial Dormitory | |
| Payson, Arthur Howes | <i>Englewood, N. J.</i> | |
| | 402 Morris Pratt Memorial Dormitory | |
| Plimpton, Francis Taylor | <i>Pearsons New York, N. Y.</i> | 22 South College |
| Porter, Edward Tiffin, Jr. | <i>Uniontown, Pa.</i> | 12 Woodside Avenue |
| Pruyne, Lafayette Sumner | <i>Adams, N. Y.</i> | 30 South College |
| Redmond, Frank John | <i>Philadelphia, Pa.</i> | 27 South College |
| Reed, Frederick Roeser | <i>New York, N. Y.</i> | |
| | 207 Morris Pratt Memorial Dormitory | |
| Rich, Raymond Thomas | <i>Hingham Center, Mass.</i> | |
| | 208 Morris Pratt Memorial Dormitory | |
| Richards, Edward Ames | <i>Florence, Mass.</i> | 5 South College |
| Robertson, John Maurice | <i>Newport, R. I.</i> | 18 South College |
| Rogers, John Anthony | <i>White Plains, N. Y.</i> | |
| | 212 Morris Pratt Memorial Dormitory | |
| Schleicher, Rowell Anton | <i>Long Island City, L. I., N. Y.</i> | |
| | 108 Morris Pratt Memorial Dormitory | |
| Schwan, Alfred Paul Edwin | <i>Chicago, Ill.</i> | Physics Laboratory |
| Shea, Patrick Henry | <i>Amherst, Mass.</i> | 21 Whitney Street |
| Sinclair, Ronald Van Buren | <i>Amherst, Mass.</i> | |
| | 31 North Prospect Street | |
| Smith, Edward Harvey | <i>Newton Center, Mass.</i> | |
| | 71 South Pleasant Street | |
| Smith, Myron Howe | <i>Hadley, Mass.</i> | |
| Snider, Frank Lyons | <i>Uniontown, Pa.</i> | 12 Woodside Avenue |
| Stanford, Alfred Boller | <i>East Orange, N. J.</i> | 26 South College |
| Stanley, Joseph | <i>Cleveland, Ohio</i> | |
| | 105 Morris Pratt Memorial Dormitory | |
| Starkweather, Lyman Williston | <i>Hartford, Conn.</i> | |
| | 309 Morris Pratt Memorial Dormitory | |
| Stern, John David | <i>San Francisco, Cal.</i> | 9 South College |
| Stisser, Frank Gridley | <i>Cortland, N. Y.</i> | 12 South College |
| Sylvester, Arthur James | <i>Springdale, Conn.</i> | 11 South College |
| Taylor, Kimber Allan | <i>Elizabeth, N. J.</i> | 13 South College |
| Thayer, James Appleton | <i>Southboro, Mass.</i> | 13 South College |
| Thomas, William Daniel | <i>Lansford, Pa.</i> | |
| | 407 Morris Pratt Memorial Dormitory | |
| Tillson, Charles Richard | <i>Amherst, Mass.</i> | 41 Lincoln Avenue |

FRESHMAN CLASS

141

| | | |
|-------------------------------|-------------------------------------|--------------------|
| VerNooy, Stewart Anderson | <i>Cortland, N. Y.</i> | 12 South College |
| Walker, John Grahame | <i>Newport, R. I.</i> | |
| | 104 Morris Pratt Memorial Dormitory | |
| Waxter, Thomas Jacob Shryock | <i>Baltimore, Md.</i> | |
| | 104 Morris Pratt Memorial Dormitory | |
| Webster, Bradford Gray | <i>Syracuse, N. Y.</i> | 23 South College |
| Weinberg, Max | <i>Holyoke, Mass.</i> | 19 South College |
| Whitcomb, Douglas | <i>Worcester, Mass.</i> | |
| | 209 Morris Pratt Memorial Dormitory | |
| Whiting, Elbridge Cutter, Jr. | <i>South Sudbury, Mass.</i> | 9 South College |
| Willmott, John Frederick | <i>Boston, Mass.</i> | 6 South College |
| Woodbridge, Frederick James | <i>Montrose, N. Y.</i> | 31 South College |
| Woodworth, Emmett Huling | <i>Brooklyn, N. Y.</i> | 25 South College |
| Wray, Charles Gregory | <i>Shelter Island, N. Y.</i> | |
| | 84 South Pleasant Street | |
| Young, Wallace Madison | <i>Corry, Pa.</i> | 25 South College |
| Young, William Caldwell | <i>Chicago, Ill.</i> | Physics Laboratory |
| Zink, Walter Noble | <i>Pittsfield, Mass.</i> | 1 South College |
| Zytkeiwicz, John Michael | <i>Chicopee, Mass.</i> | |
| | 71 South Pleasant Street | |

STUDENTS ENROLLED PROVISIONALLY AS CANDIDATES FOR THE DEGREE BACHELOR OF ARTS

A student is provisionally enrolled if, having entered either as a special student or with advanced standing from another institution, he is pursuing a course which will lead to a degree.

| | | |
|--------------------------|-------------------------------------|------------------|
| Barton, Russell Pratt | <i>Hartford, Conn.</i> | |
| | 411 Morris Pratt Memorial Dormitory | |
| Blanton, Alexander John | <i>Rochester, N. Y.</i> | 8 Spring Street |
| Blatchford, Charles Lord | <i>Oak Park, Ill.</i> | A Δ Φ House |
| Clarke, Andrew Newton | <i>Denver, Colo.</i> | 6 Kellogg Avenue |
| Davis, Alanson Campbell | <i>Rochester, N. Y.</i> | 8 Spring Street |
| DeKlyn, Charles Coulter | <i>New Rochelle, N. Y.</i> | Δ K E House |
| Happ, Linley Conrad | <i>Port Jervis, N. Y.</i> | Φ Γ Δ House |
| Johnsen, Henry Adolph | <i>Greenport, N. Y.</i> | Θ Δ X House |
| McCracken, Andrew Vance | <i>Sewickley, Pa.</i> | 8 Spring Street |
| Nichols, George Leland | <i>La Grange, Ill.</i> | Δ T House |
| O'Brien, Kenneth | <i>Minneapolis, Minn.</i> | Ψ T House |
| Pratt, Julius Randall | <i>Montclair, N. J.</i> | Φ K Ψ House |
| Roberts, Ernest Howard | <i>Northampton, Mass.</i> | |
| Searle, Franklin Pryce | <i>Rock Island, Ill.</i> | Φ Δ Θ House |
| Wittlig, Emil Dyar | <i>Marietta, Ohio</i> | 13 Spring Street |

STUDENTS NOT ENROLLED AS CANDIDATES FOR A DEGREE

| | | |
|-------------------------|---------------------------|------------------|
| Lord, Amos Jasper | <i>West Pelham, Mass.</i> | |
| Thoms, Joseph Chak, Jr. | <i>Brooklyn, N. Y.</i> | 13 Spring Street |

SUMMARY OF ENROLLMENT

The total for each class includes the students who are provisionally enrolled with that class.

| | |
|---|-------|
| GRADUATE STUDENTS..... | 3 |
| FELLOWS..... | 4 |
| SENIORS..... | 48 |
| JUNIORS..... | 65 |
| SOPHOMORES..... | 127 |
| FRESHMEN..... | 124 |
| STUDENTS PROVISIONALLY ENROLLED..... | 15 |
| STUDENTS NOT CANDIDATES FOR A DEGREE..... | 2 |
| | <hr/> |
| Total..... | 388 |
| Deduct for names counted twice..... | 16 |
| | <hr/> |
| Net Total..... | 372 |

CLASSIFICATION BY RESIDENCE

| | | | |
|--------------------|-----|------------------------|-----|
| New York..... | 115 | Wisconsin..... | 3 |
| Massachusetts..... | 108 | District of Columbia.. | 2 |
| New Jersey..... | 23 | Indiana..... | 2 |
| Connecticut..... | 18 | Maine..... | 2 |
| Pennsylvania..... | 18 | Nebraska..... | 2 |
| Ohio..... | 13 | California..... | 1 |
| Illinois..... | 11 | Florida..... | 1 |
| Rhode Island..... | 11 | Maryland..... | 1 |
| Vermont..... | 8 | Oklahoma..... | 1 |
| New Hampshire..... | 5 | Oregon..... | 1 |
| Colorado..... | 4 | Washington..... | 1 |
| Iowa..... | 4 | China..... | 1 |
| Michigan..... | 4 | England..... | 1 |
| Missouri..... | 4 | Syria..... | 1 |
| Kentucky..... | 3 | | — |
| Minnesota..... | 3 | Total..... | 372 |

DEGREES CONFERRED JUNE 20, 1917

BACHELOR OF ARTS

Summa Cum Laude

Copeland, Morris Albert

Magna Cum Laude

Baril, George Everett
Hendricks, Walter

Root, Edward Merrill
Smith, Harold Addison

Cum Laude

Boyd, Harmon Shove
Clark, John Dodge
Cochrane, Craig Parsons
D'Ooge, Benjamin Stanton
Fisher, Robert Miller
Gazley, John Gerow
Glann, James Everett
Goodhue, Elbridge Alvah
Hawkes, Franklin Powers
Jessup, Charles James
Jones, Chandler Tracy
Low, Carroll Blakely

McGowan, Royal Edmund
Marples, Edward Stuart
Mason, Alfred DeWitt
Masten, Richard Leopold
Metcalf, Robert Drayton
Rauschenbusch, Hilmar
Romer, Alfred Sherwood
Sleeper, Frank MacDonald
Spear, Irving Lewis
Temple, Donald Edward
Wells, Henry Willis
Whitcomb, John Leonard

Rite

Anthony, Henry Franklin
Ball, Ralph Blackmarr
Banta, Henry Hyde
Bartholomew, Charles Henry
Bell, Carlton Leroy
Bristol, Ralph Buffum
Carpenter, Kenneth deForest
Clarke, Arthur Merriam
Craig, David Rankin, Jr.
Dent, Francis Morse
Eisner, Mortimer
Goodrich, Sheldon Burnett
Greene, Paul Stevens
Hawkins, James Alexander

Hobart, Richard Townley
Howard, Samuel Anton, Jr.
Ivimey, Theodore
Johnson, Brooks Elmo
Kambour, Theodore
Kohout, Harry Joseph
Loomis, Edward Francis
Loomis, William Fitch
McGarrahan, John Cooley
Maloney, Edward James
Marks, Eric Henry
Marshall, Donald Earle
Melcher, Herbert Henry
Meredith, Lawrence Cornelius

| | |
|-------------------------------|------------------------------|
| Middleton, Robert Avery | Shumway, Eric |
| Moginot, Francis Louis | Sibley, Walcott Ellis |
| Munroe, Robert, 3d | Stapleton, Luke Daniel, Jr. |
| Nelligan, Thomas Hayes | Swett, Jesse Freeman |
| Perkins, Roger Conant | Vaughn, Herbert Getty |
| Sanders, Frank Knight, Jr. | Williams, Palmer Champney |
| Scandrett, Jay Johnson Morrow | Woodward, Rufus Stanley, Jr. |
| Schmid, Herbert William | |

*Rite Extra Ordinem*Ames, Charles Burton, *as of the Class of 1916*

BACHELOR OF SCIENCE

Magna Cum Laude

Hitchcock, Charles Hanchett

Cum Laude

| | |
|-------------------------|----------------------|
| Jenkins, Paul Alexander | Lemcke, Norman Rohde |
| Maurer, Keith Langdon | |

Rite

| | |
|----------------------------|-------------------------------|
| Baily, George Irving | Miller, William Melbourne |
| Baker, Myers Elliot | Norton, Cyril Francis |
| Fillman, Henry Ingerton | Plough, Paul Harwood |
| Fraker, Walter Potter | Rome, Gardiner Hasbrouck |
| Hale, David Clendon | Stark, Whitney Williams |
| McGowan, Charles Bachelder | Vielbig, Joseph Frederick |
| Marks, Frederic Bliss | Widmayer, Theodore Lewis, Jr. |
| Maynard, Charles Edgar | |

*Rite Extra Ordinem*Seamans, Elton Henry, *as of the Class of 1916*

MASTER OF ARTS

Whipple, Ralph Wheaton, B. S. 1914

HONORARY DEGREES

Master of Arts

Henry Wyatt Fleet

Walter Robinson Stone

George Larkin Clark

Doctor of Divinity

Calvin Stebbins

Doctor of Letters

Alvan Francis Sanborn

Doctor of Laws

Frederic Bayley Pratt

Nathaniel Matson Terry

Doctor of Science

Robert Andrews Millikan

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CHARLES K. ARTER, '98

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BRUCE BARTON, '07

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Alumni Fund

Athletics

Commencement

Publication

Publicity

Secondary Schools

Religious Work

Constitution

REPRESENTATIVES OF CLASSES

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|------|-----------------------|------|---------------------------------|
| 1847 | SAMUEL W. DANA | 1888 | JOHN E. OLDHAM |
| 1854 | ALEXANDER B. CRANE | 1889 | FREDERICK J. E. WOOD- BRIDGE |
| 1857 | DENIS WORTMAN | 1890 | EDWARD D. RAYMOND |
| 1858 | SAMUEL B. SHERRILL | 1891 | OLIVER B. MERRILL |
| 1860 | LUTHER ARMSTRONG | 1892 | CORNELIUS J. SULLIVAN |
| 1861 | WILLIAM A. LAWRENCE | 1893 | GEORGE D. PRATT |
| 1862 | CALVIN STEBBINS | 1894 | GROSVENOR H. BACKUS |
| 1864 | HENRY M. TENNEY | 1895 | DWIGHT W. MORROW |
| 1865 | JAMES L. BISHOP | 1896 | WILLIAM D. STIGER |
| 1866 | HERBERT L. BRIDGMAN | 1897 | ISAAC PATCH |
| 1867 | WILLIAM R. MEAD | 1898 | FERDINAND Q. BLANCHARD |
| 1868 | EDWIN F. BAYLEY | 1899 | HENRY P. KENDALL |
| 1869 | FRANCIS D. LEWIS | 1900 | HAROLD I. PRATT |
| 1870 | WILLIAM K. WICKES | 1901 | FREDERICK K. KRETSCHMAR |
| 1871 | HERBERT G. LORD | 1902 | ROBERT W. MAYNARD |
| 1872 | JOHN BATES CLARK | 1903 | WALTER R. WASHBURN |
| 1873 | JOHN M. TYLER | 1904 | ERNEST M. WHITCOMB |
| 1874 | WILLIAM F. SLOCUM | 1905 | HUGH H. C. WEED |
| 1875 | DANIEL KENT | 1906 | FREDERICK S. BALE |
| 1876 | WILLIAM IVES WASHBURN | 1907 | BRUCE F. BARTON |
| 1877 | COLLIN ARMSTRONG | 1908 | HAROLD J. BAILY |
| 1878 | FRANK L. BABBOT | 1909 | HERBERT A. WYCKOFF |
| 1879 | WINSTON H. HAGEN | 1910 | ABRAHAM MITCHELL, JR. |
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| 1881 | RUFUS S. WOODWARD | 1912 | BEEMAN P. SIBLEY |
| 1882 | LUCIUS H. THAYER | 1913 | JOHN S. MOORE |
| 1883 | WILLIAM ORR | 1914 | SYDNEY D. CHAMBERLAIN |
| 1884 | WILLIAM C. ATWATER | 1915 | WALTER R. AGARD |
| 1885 | SAMUEL H. WILLIAMS | 1916 | J. SEELYE BIXLER |
| 1886 | FRANK G. WILD | 1917 | THEODORE L. WIDMAYER |
| 1887 | ANDREW P. ALVORD | | |

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The Ladd & Tilton Bank, Portland, Ore.

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University Club, Portland, Ore.

RAILROAD CONNECTIONS

The Boston and Maine Railroad (Central Massachusetts division), connecting at Springfield with the Boston and Albany Railroad, passes through Amherst on the way from Boston to Northampton.

The Central Vermont Railroad, connecting at Palmer with the Boston and Albany Railroad, passes through Amherst.

There are electric street railways from Amherst to Northampton, Holyoke, Sunderland, and Pelham.

VISITORS

Visitors are always welcome to Amherst College. During the months of July and August the college employs a student guide who may be found at the Christian Association Rooms from eight-thirty A. M. to five-thirty P. M. The services of the guide are without fee.

During the remainder of the year a guide will be furnished without charge upon application at the Registrar's Office.

INFORMATION

All requests for information should be addressed to the Secretary of the Faculty, Amherst College, Amherst, Mass.

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